

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

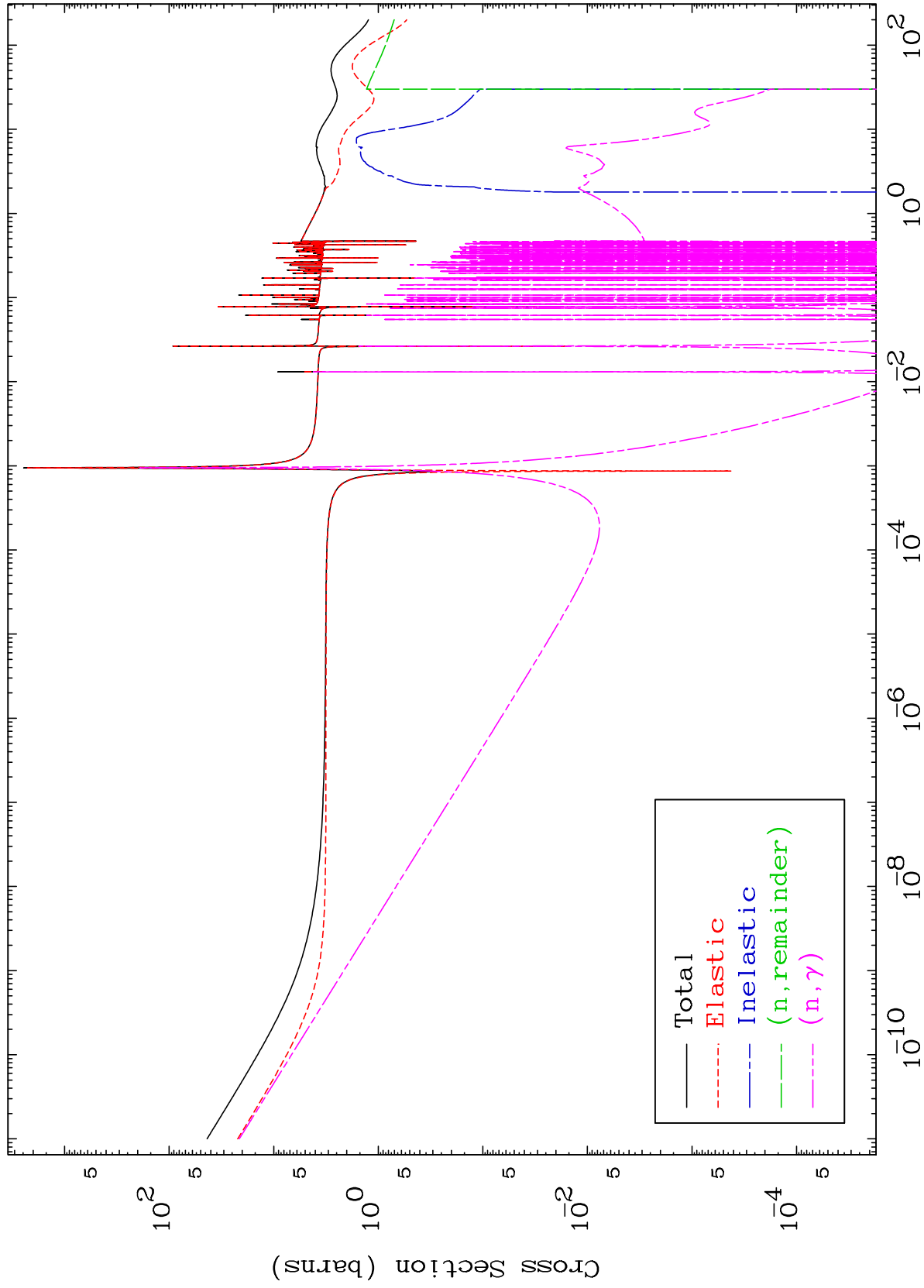
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2855

Major
293 Kelvin Cross Sections

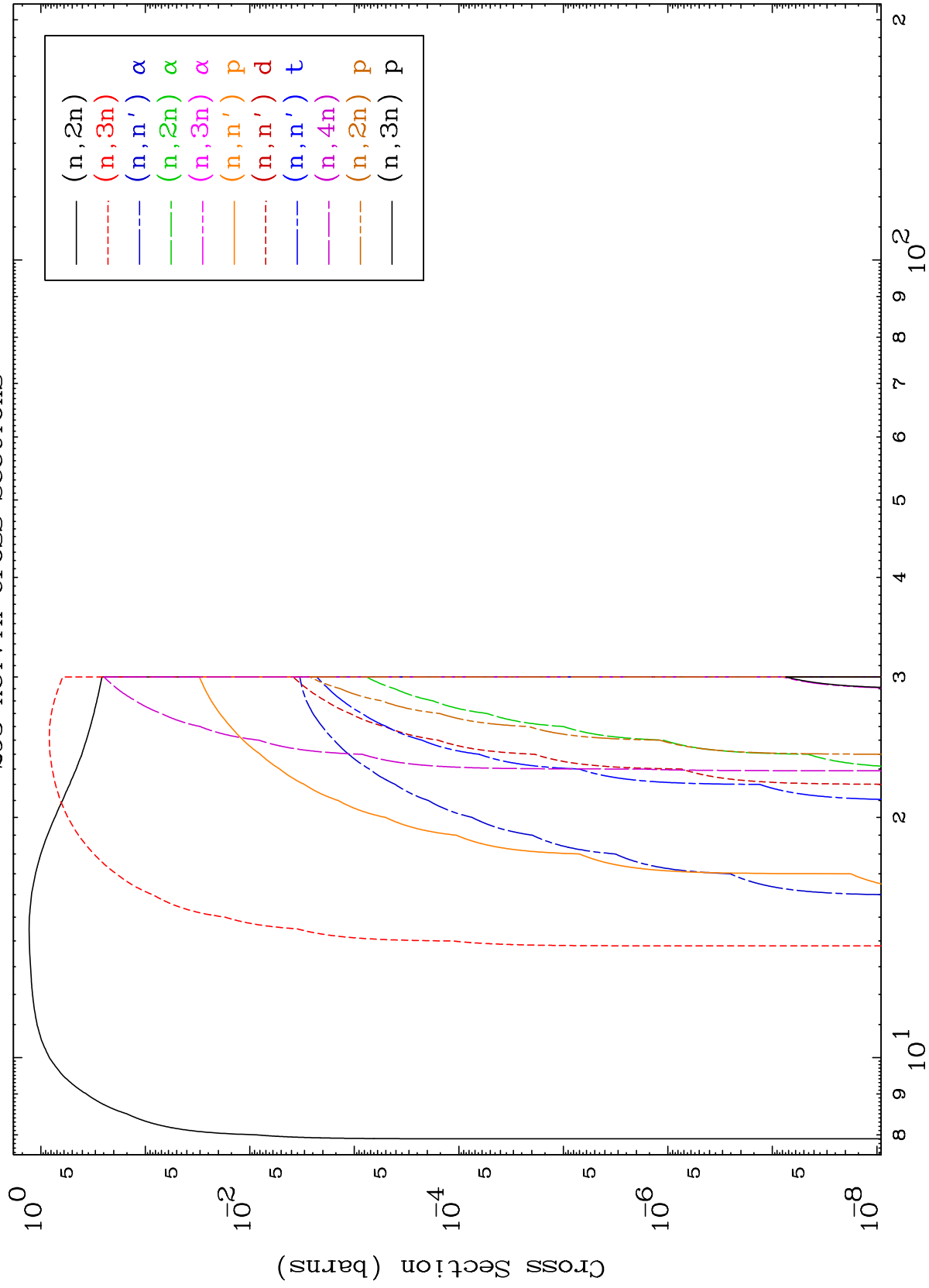
28-Ni-68



MAT 2855

Neutron Production
293 Kelvin Cross Sections

28-Ni-68

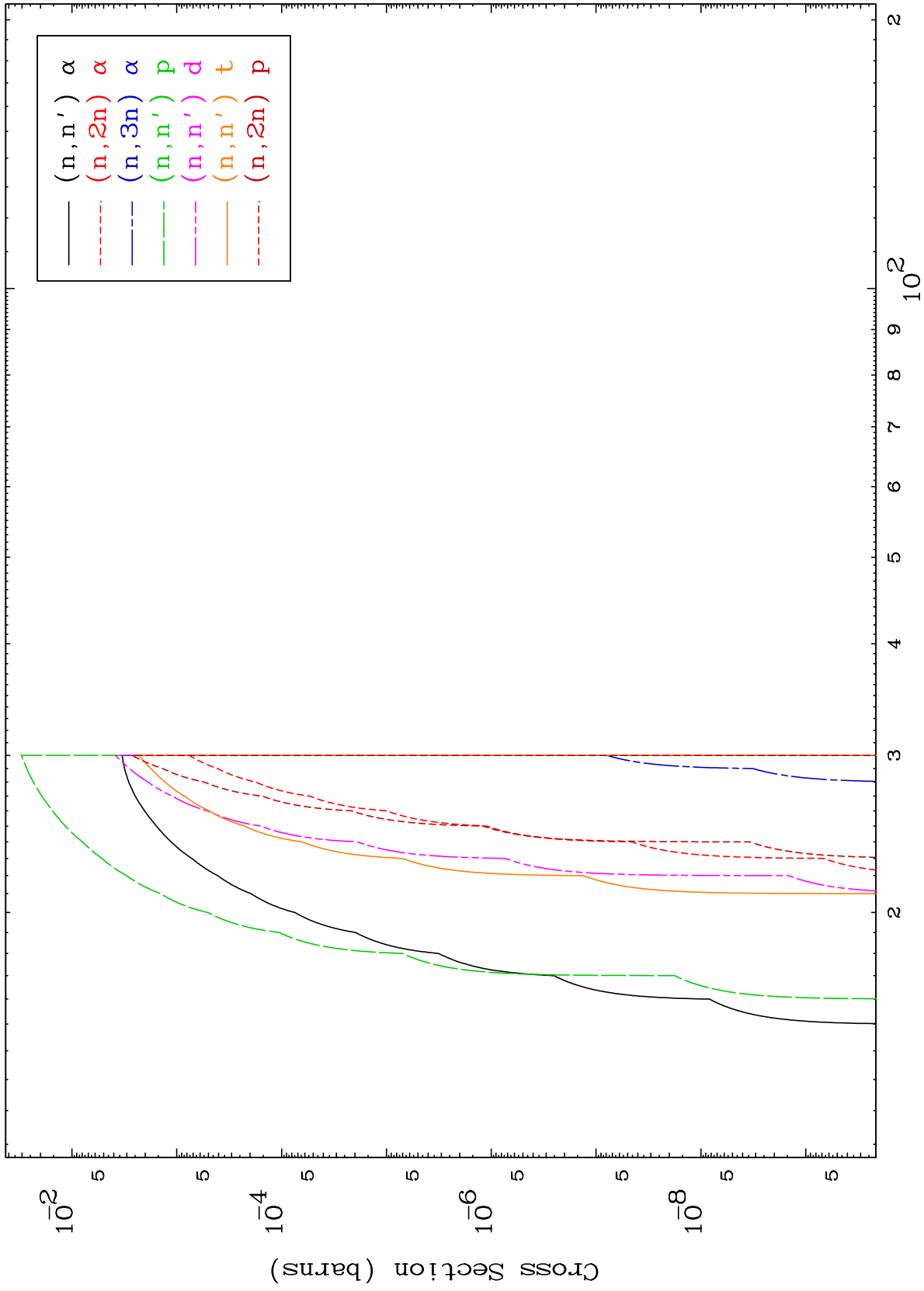


2

MAT 2855

Charged Particle
293 Kelvin Cross Sections

28-Ni-68



3

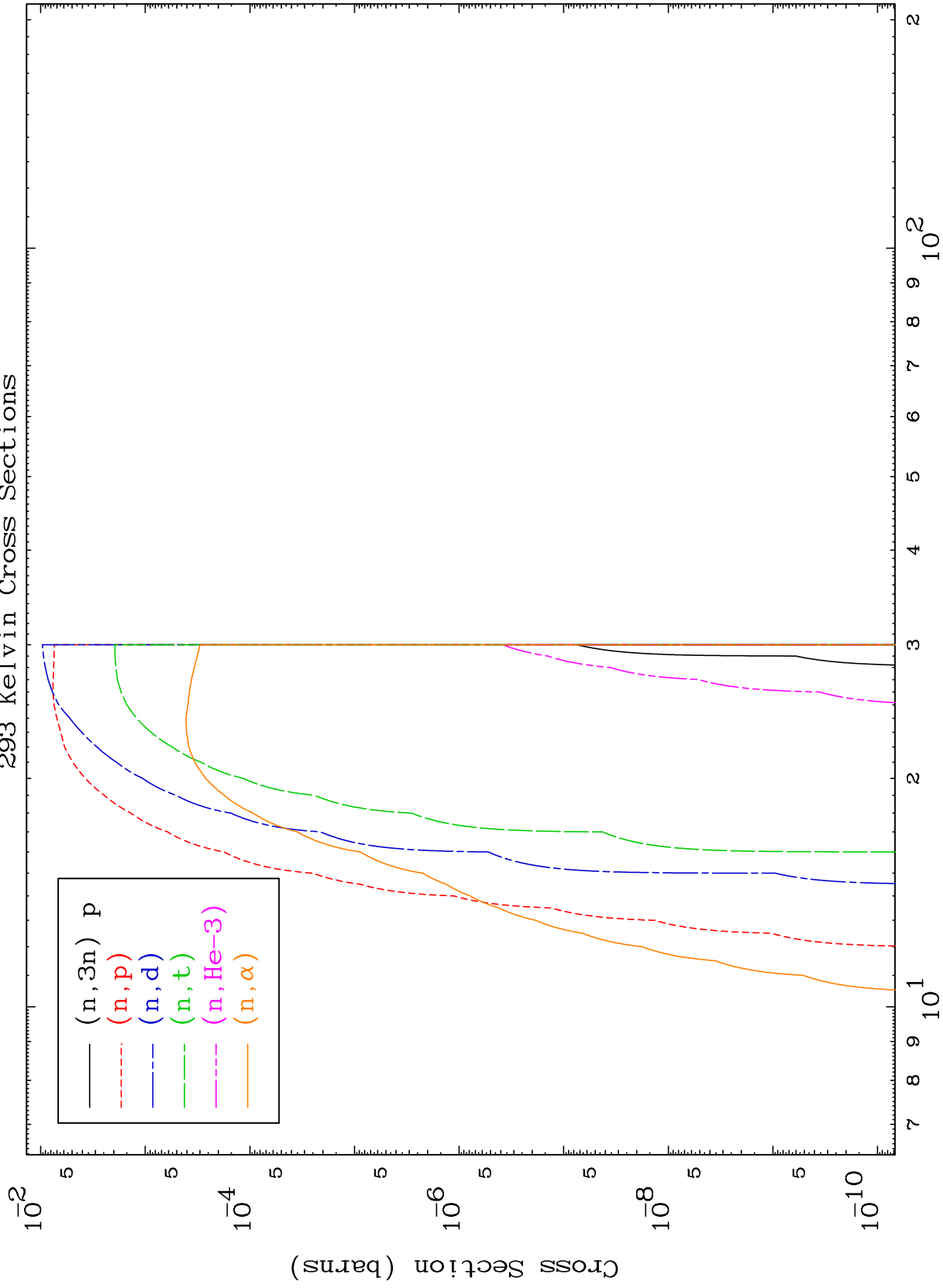
Incident Energy (MeV)

28-Ni-68

MAT 2855

Charged Particle
293 Kelvin Cross Sections

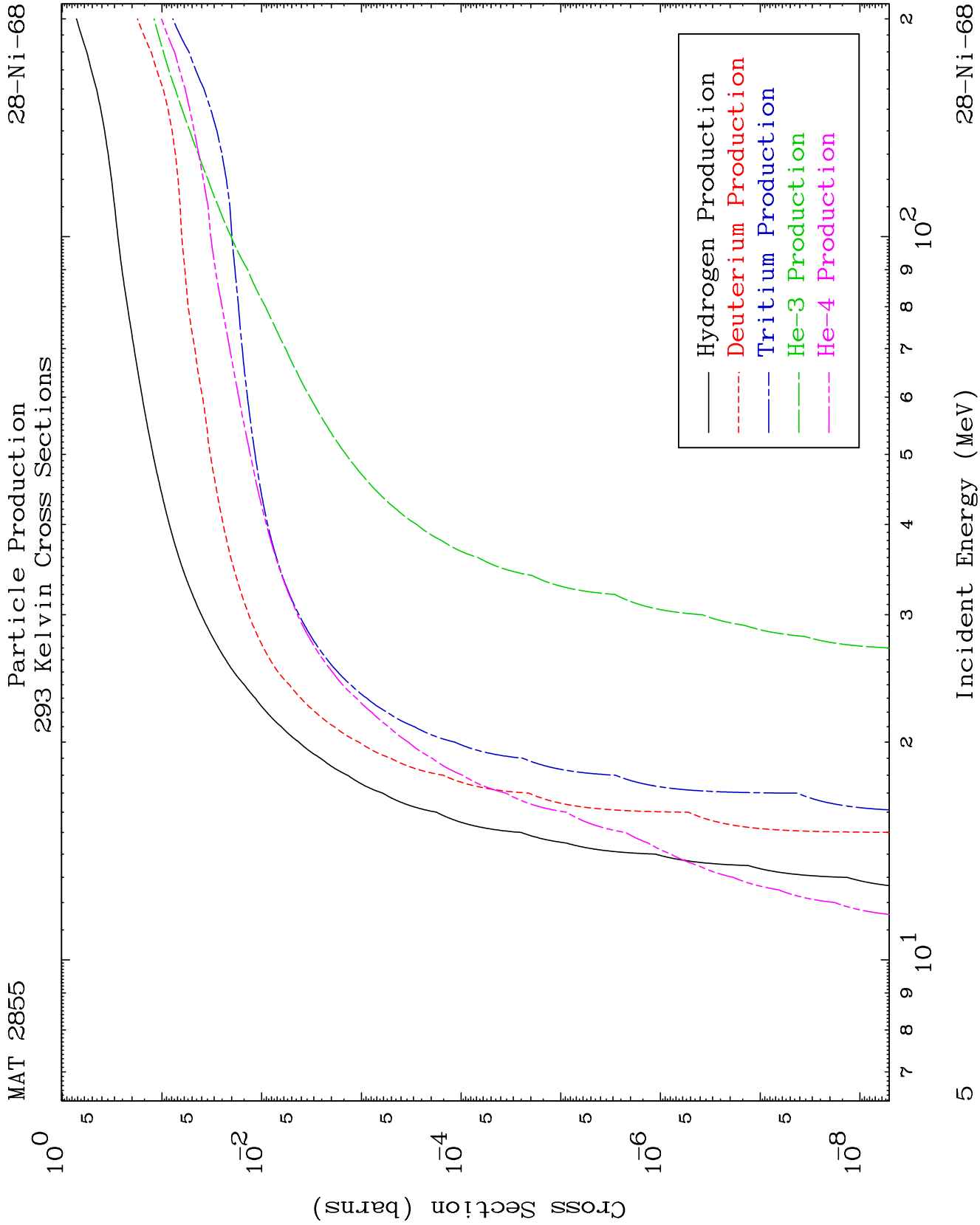
28-Ni-68



4

Incident Energy (MeV)

28-Ni-68

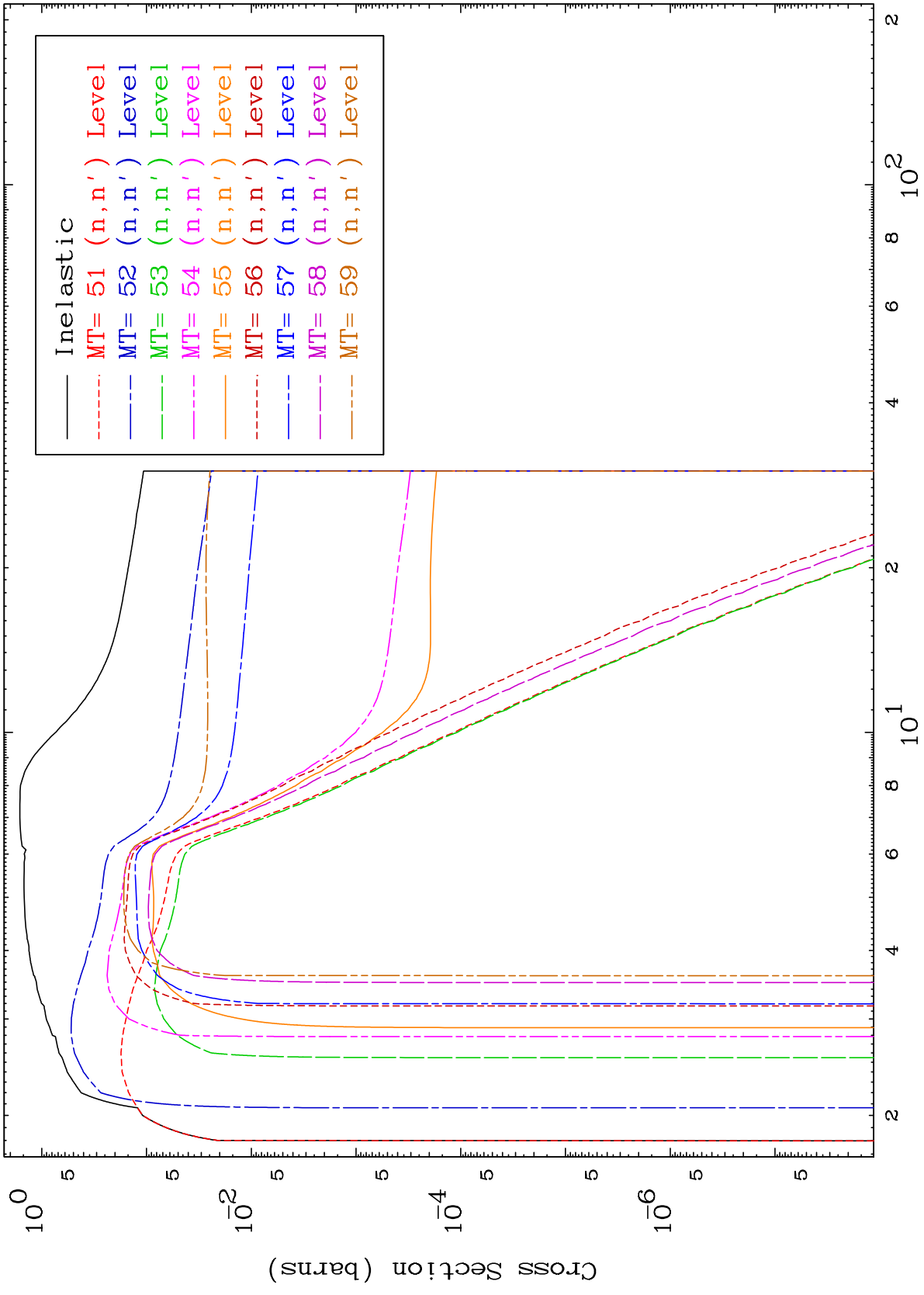


MAT 2855

(n,n') Level

28-Ni-68

293 Kelvin Cross Sections



6

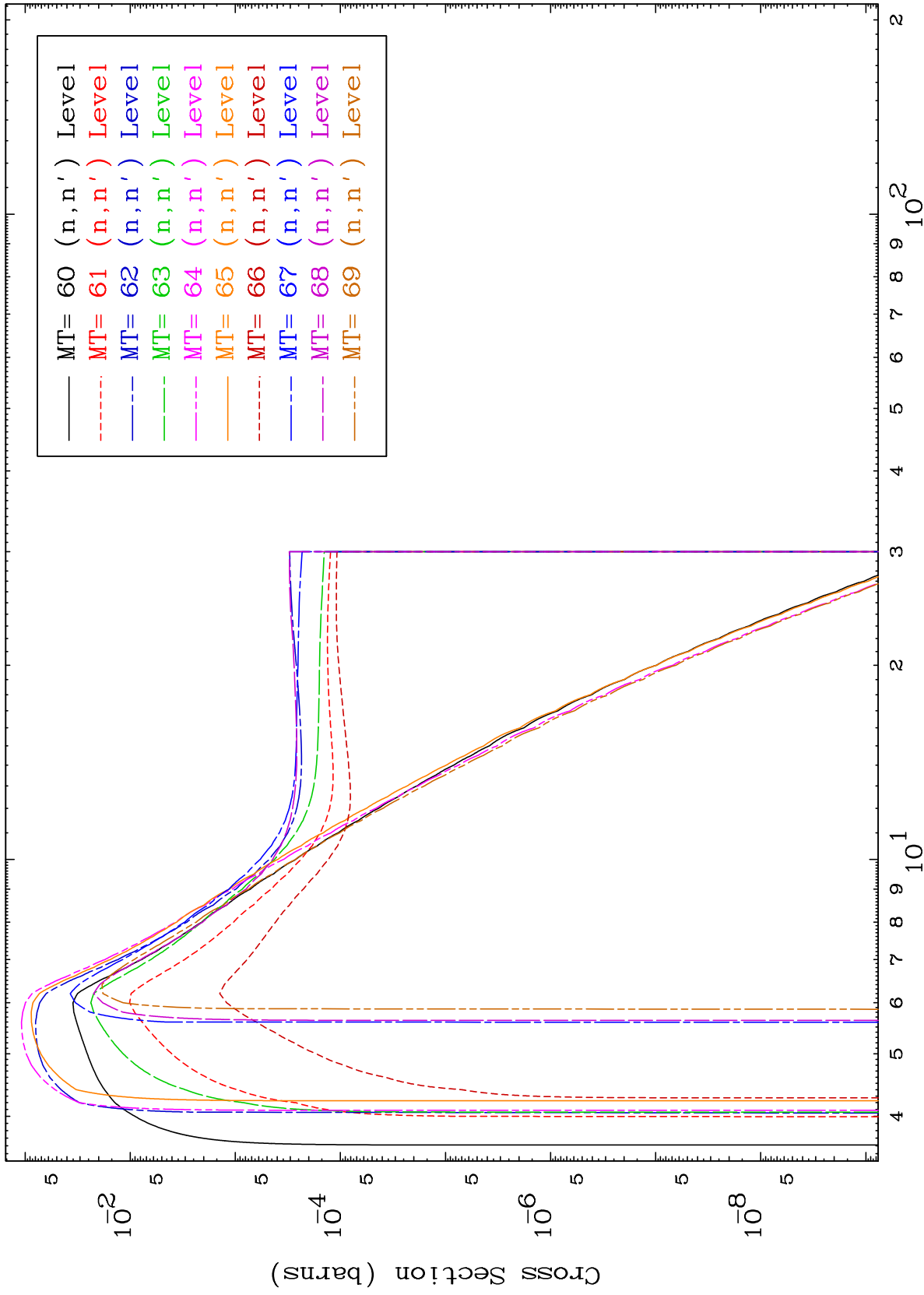
Incident Energy (MeV)

28-Ni-68

MAT 2855

(n,n') Level
293 Kelvin Cross Sections

28-Ni-68



7

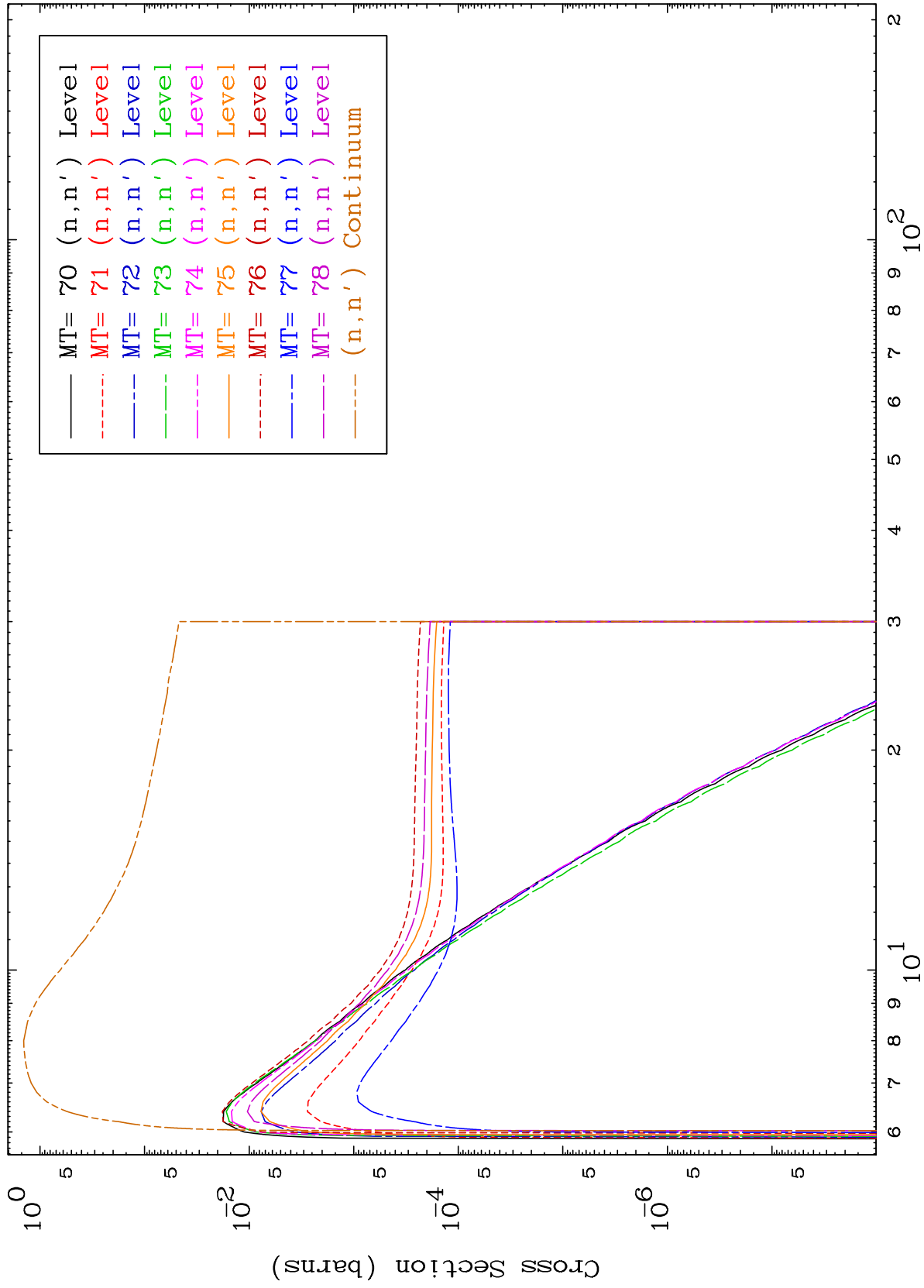
Incident Energy (MeV)

28-Ni-68

MAT 2855

(n,n') Level
293 Kelvin Cross Sections

28-Ni-68

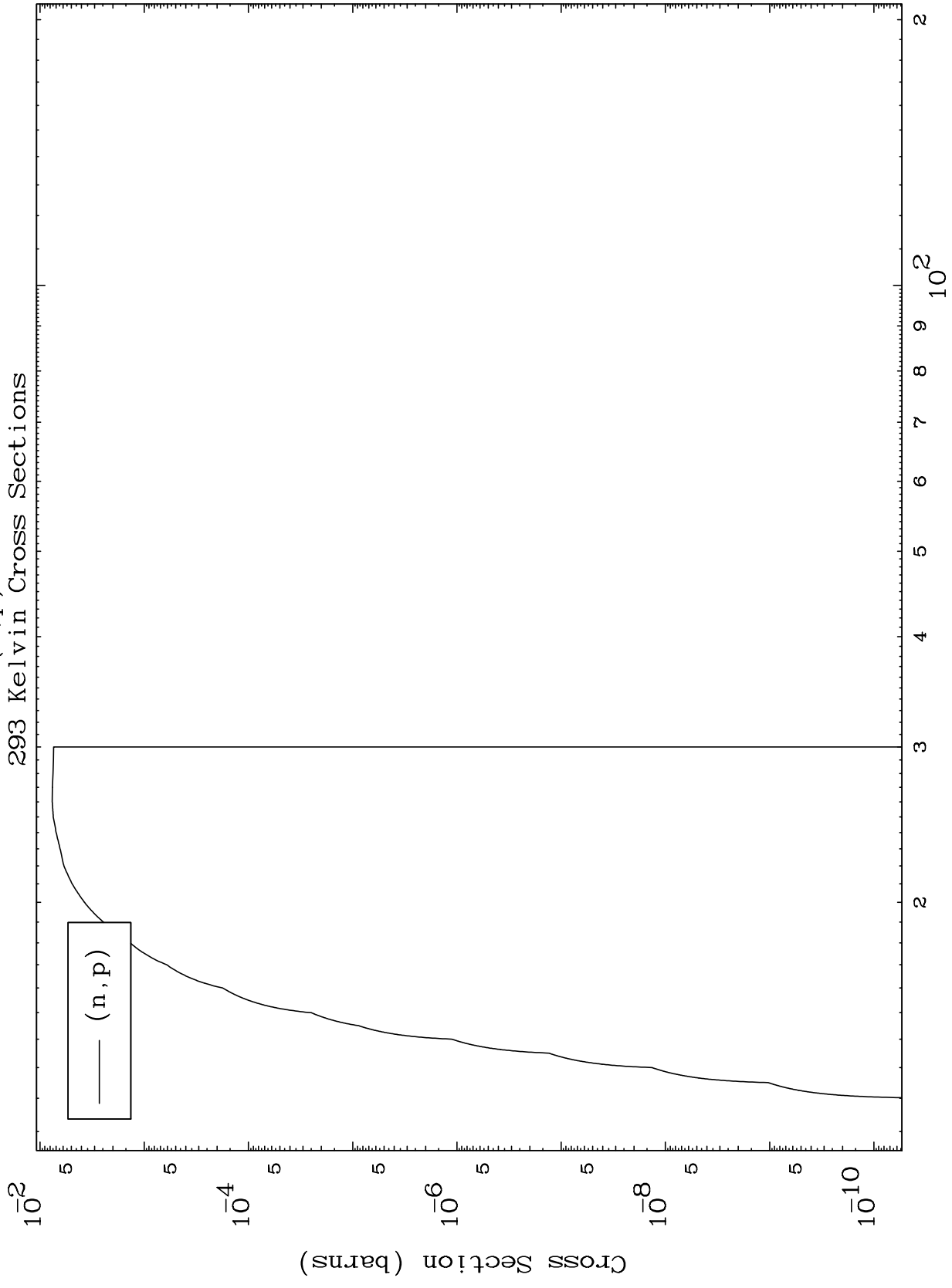


8

MAT 2855

(n,p) Levels
293 Kelvin Cross Sections

28-Ni-68



9

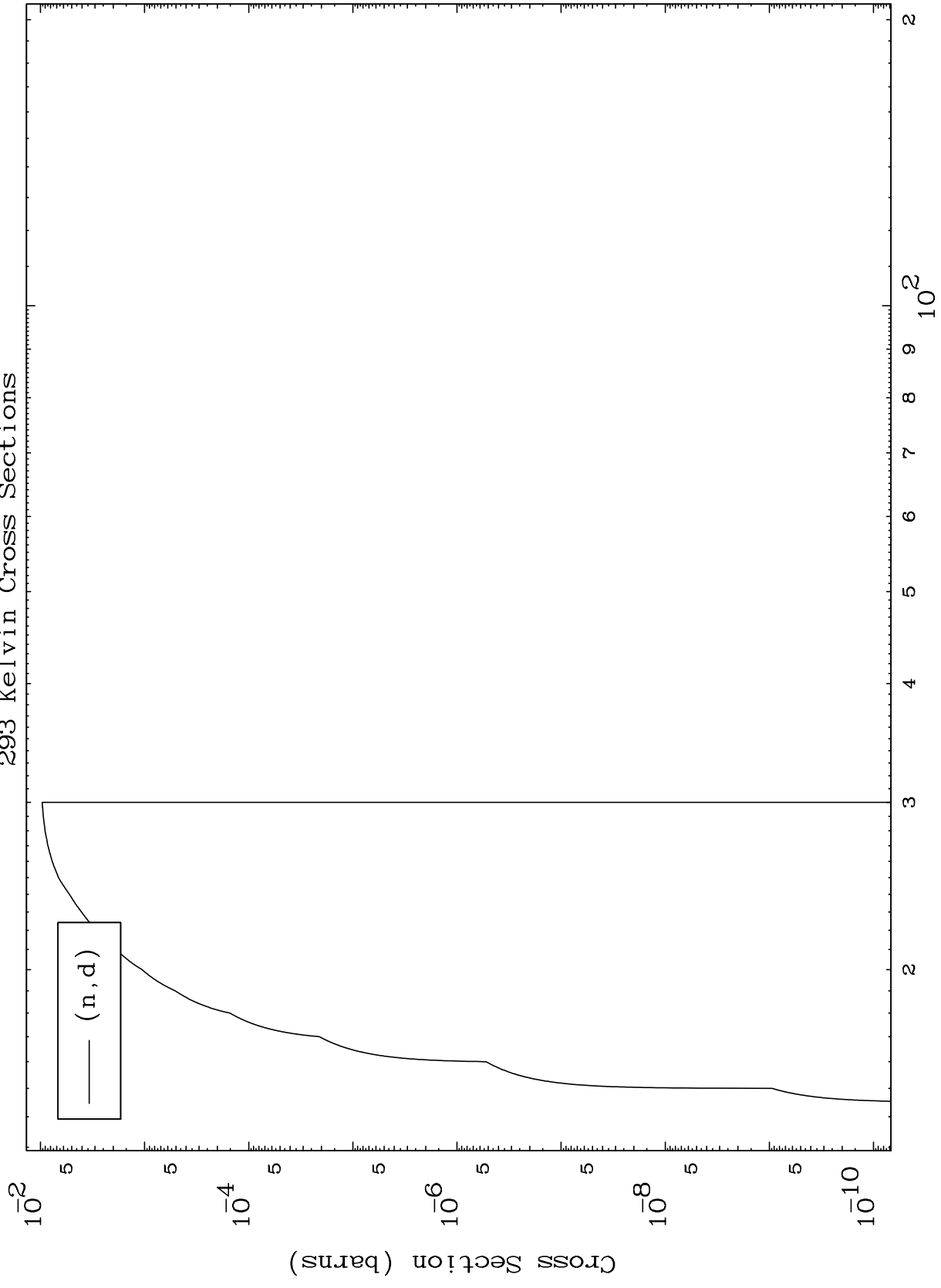
Incident Energy (MeV)

28-Ni-68

MAT 2855

(n,d) Levels
293 Kelvin Cross Sections

28-Ni-68



10

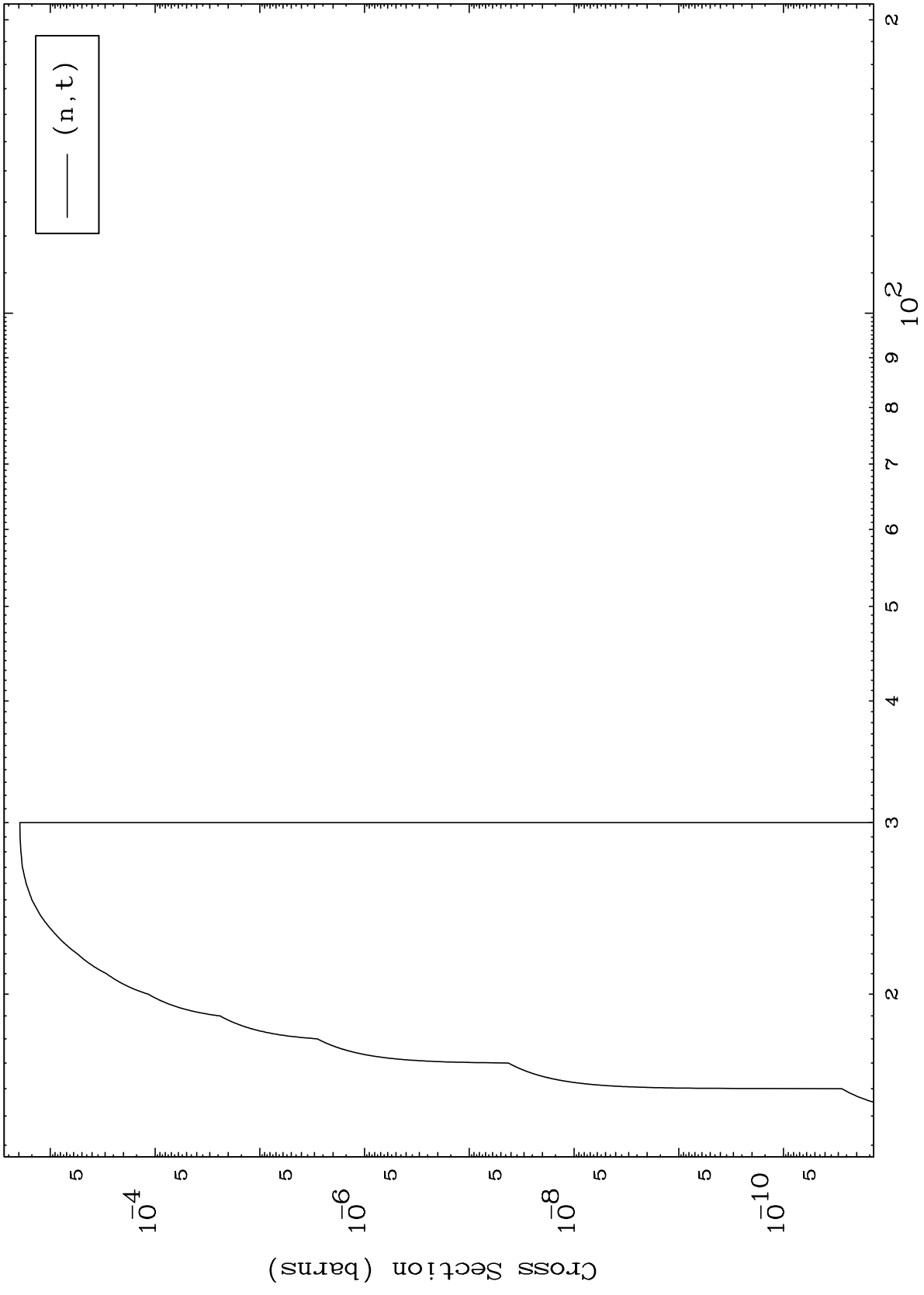
Incident Energy (MeV)

28-Ni-68

MAT 2855

(n,t) Levels
293 Kelvin Cross Sections

28-Ni-68

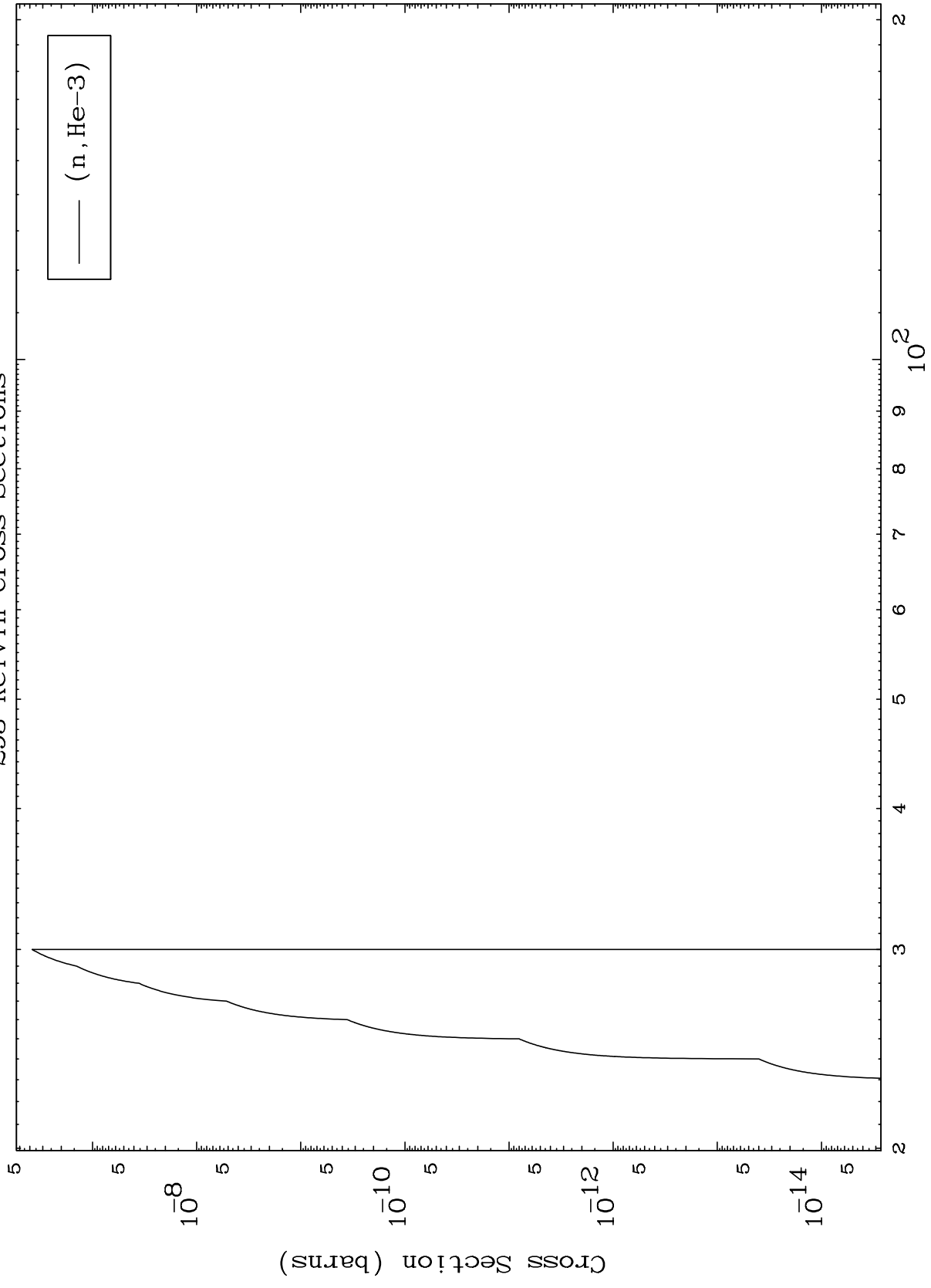


28-Ni-68

MAT 2855

(n,He3) Levels
293 Kelvin Cross Sections

28-Ni-68



12

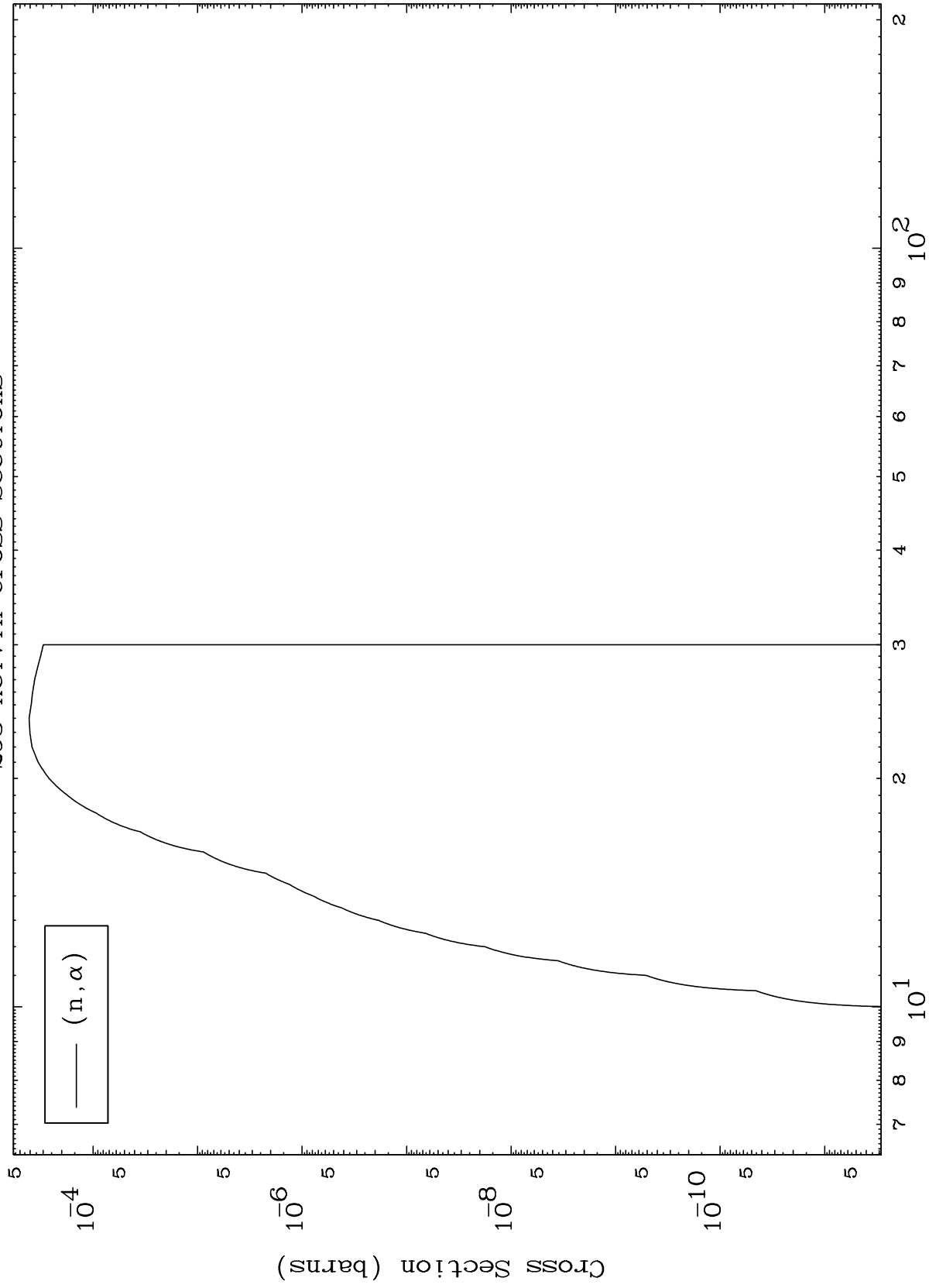
Incident Energy (MeV)

28-Ni-68

MAT 2855

(n,α) Levels
293 Kelvin Cross Sections

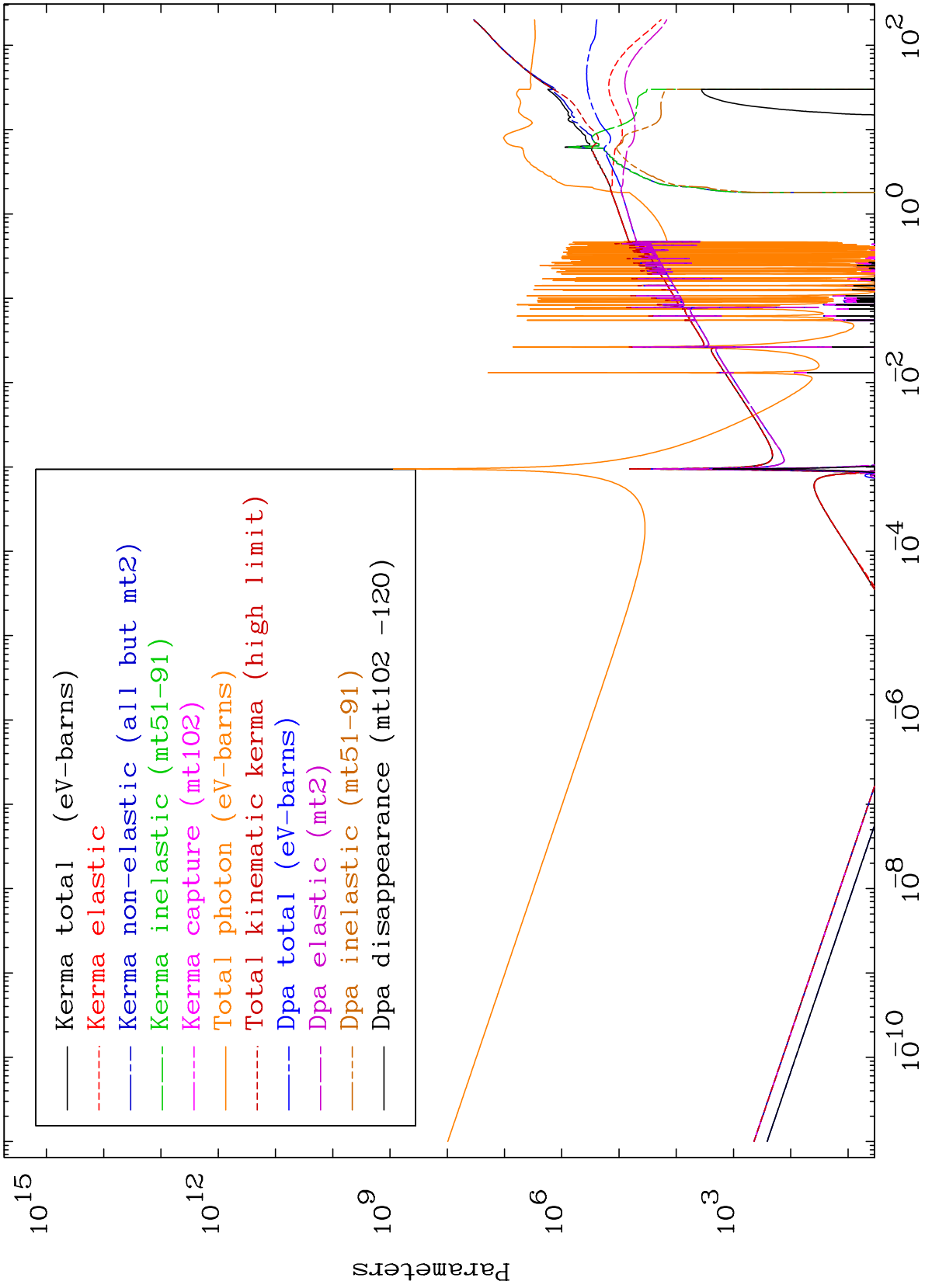
28-Ni-68



13

Incident Energy (MeV)

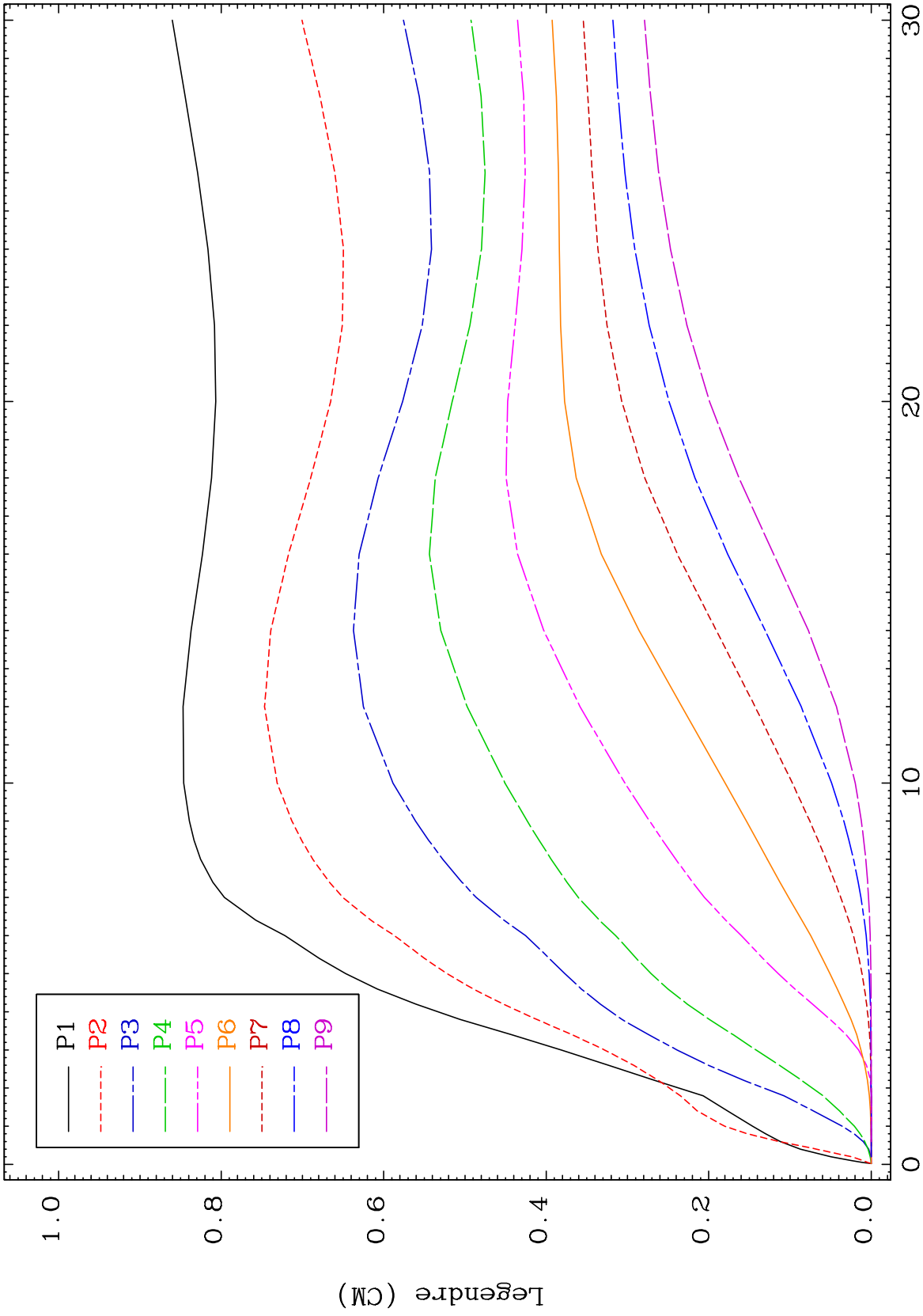
28-Ni-68



MAT 2855

Elastic Legendre Coefficients

²⁸Ni-68



15

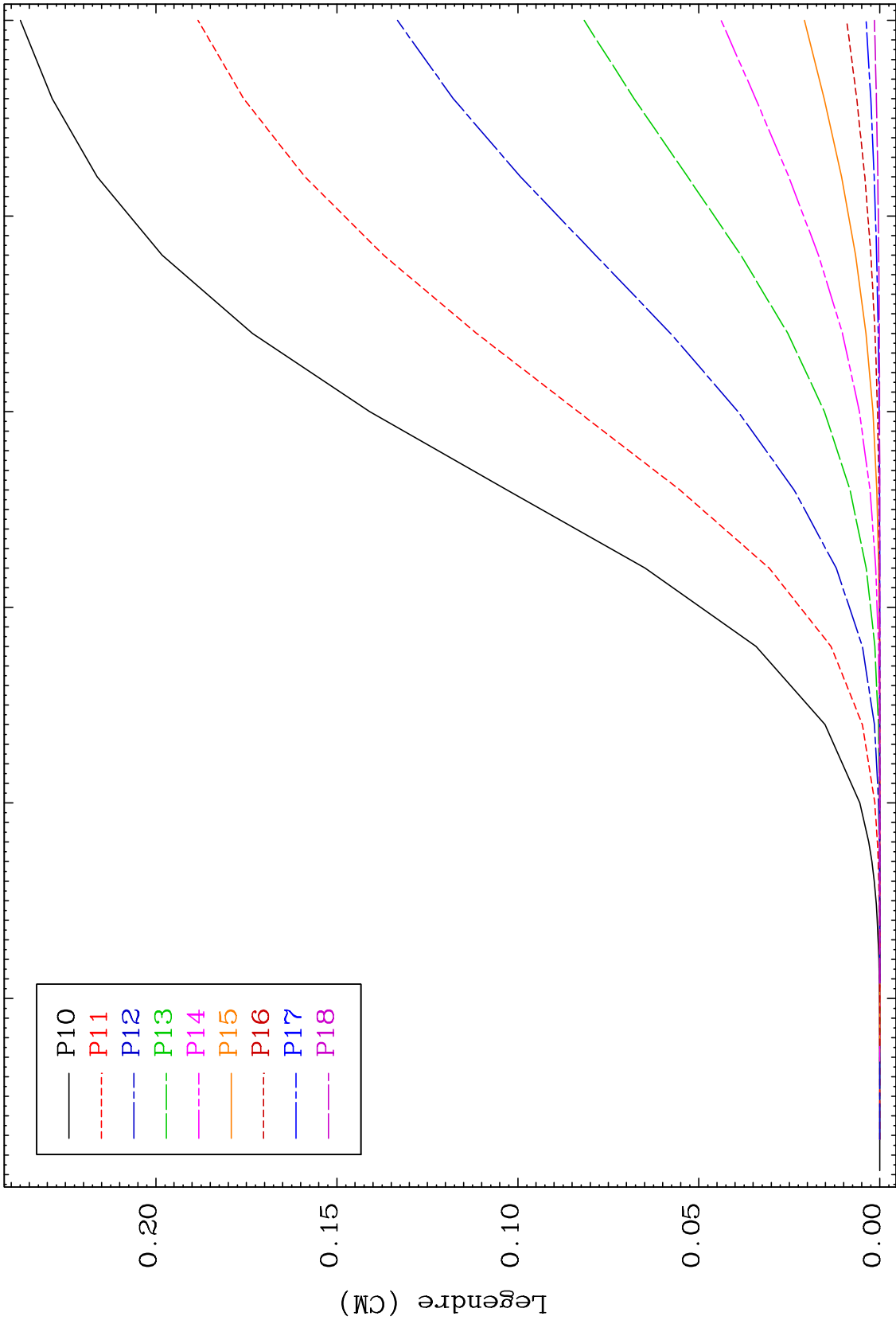
Incident Energy (MeV)

²⁸Ni-68

MAT 2855

Elastic Legendre Coefficients

28-Ni-68



16

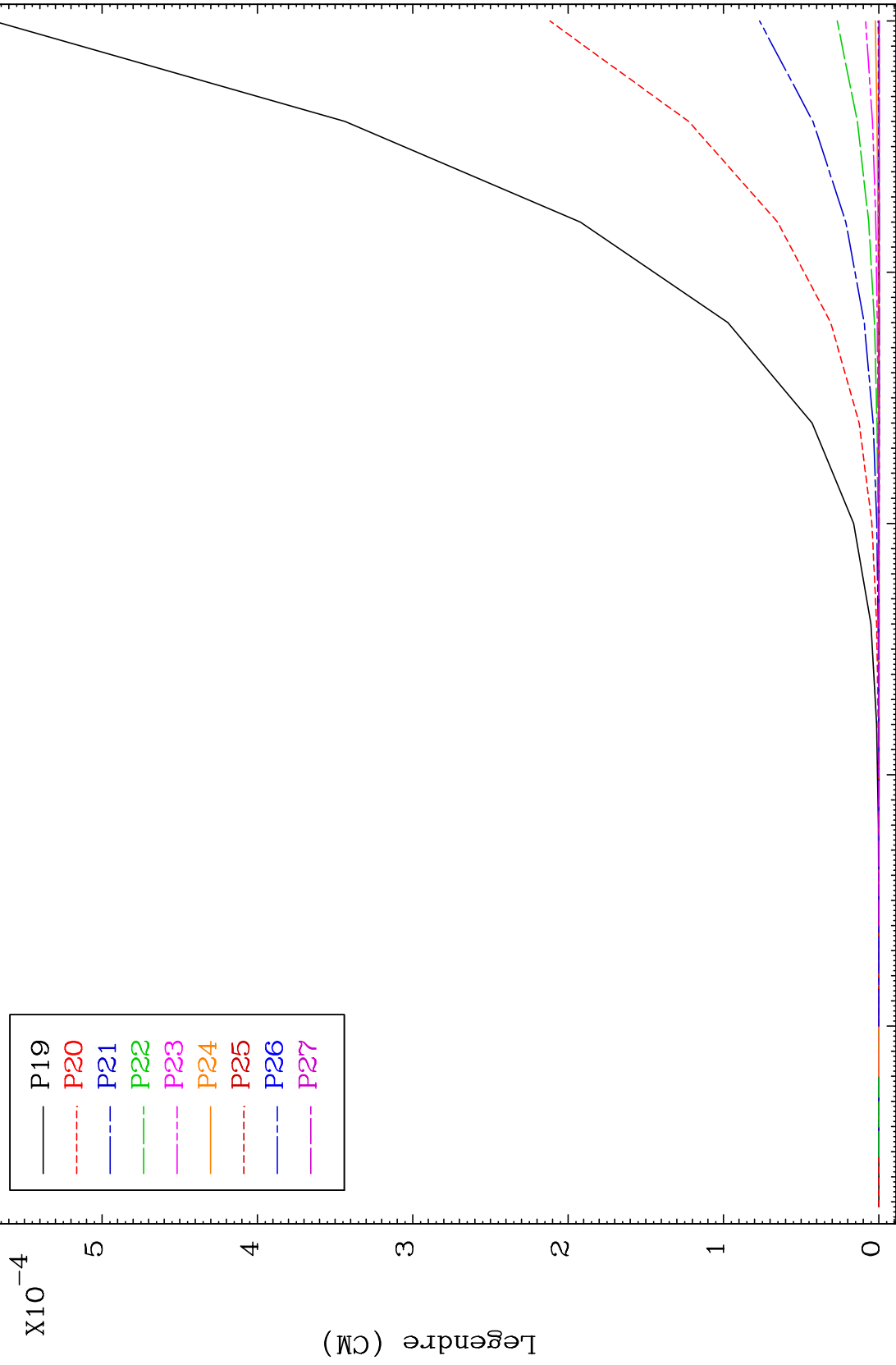
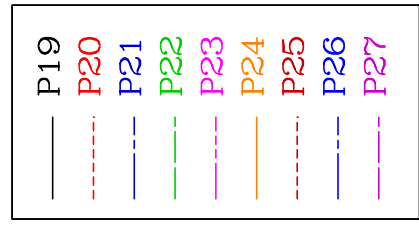
Incident Energy (MeV)

28-Ni-68

MAT 2855

Elastic Legendre Coefficients

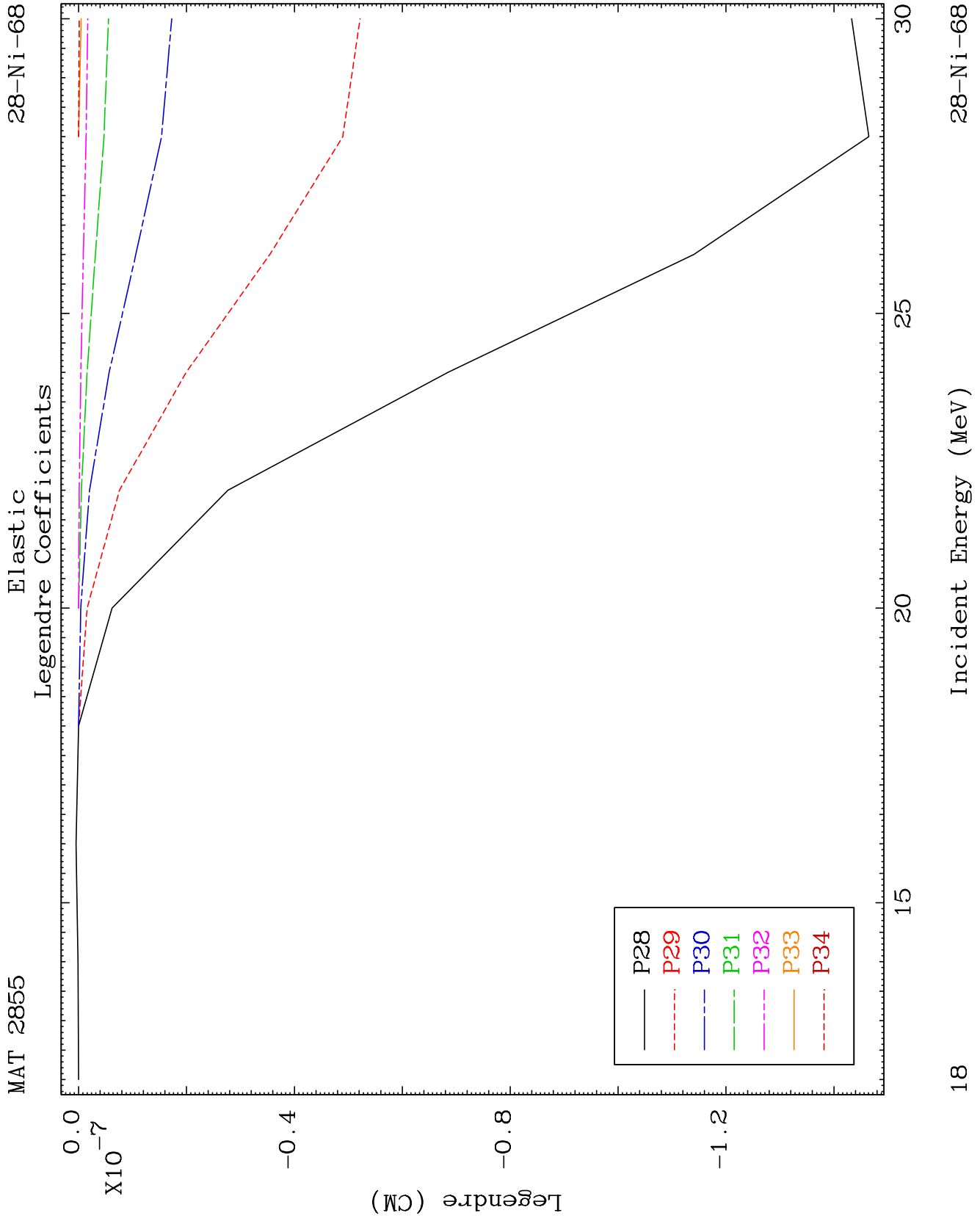
²⁸Ni-68



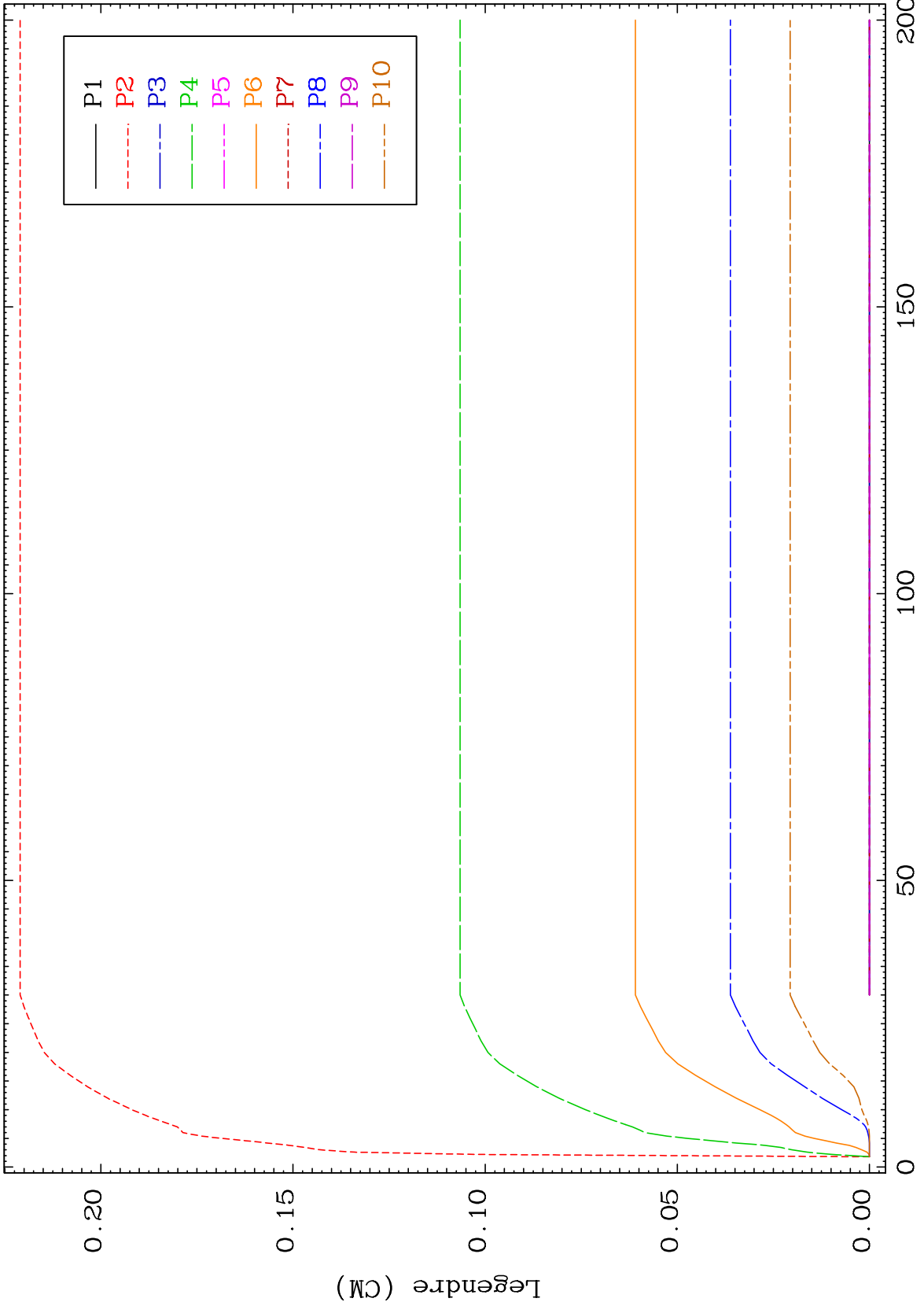
17

Incident Energy (MeV)

²⁸Ni-68

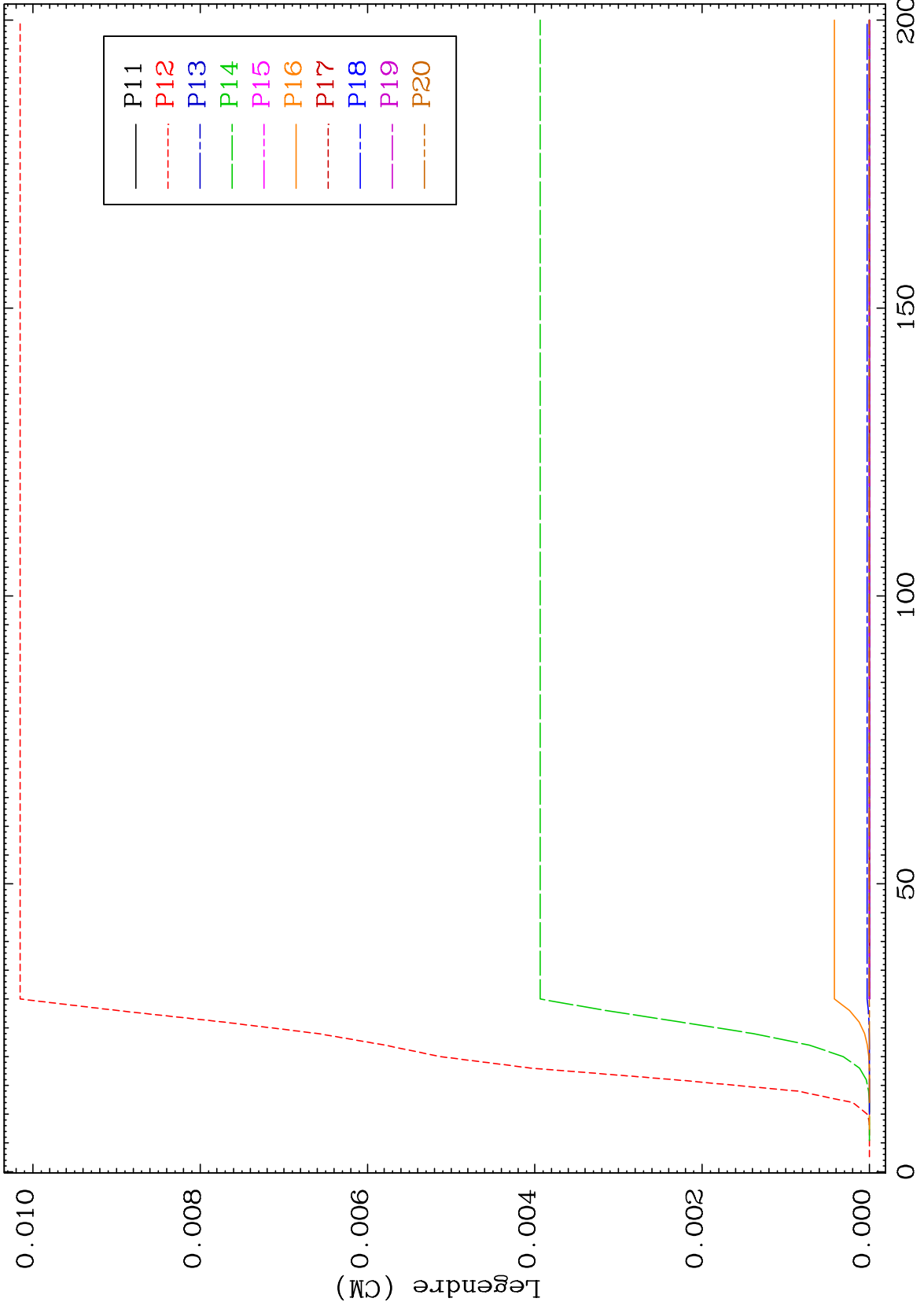


MAT 2855 MT= 51 (n,n') Level Legendre Coefficients 28-Ni-68



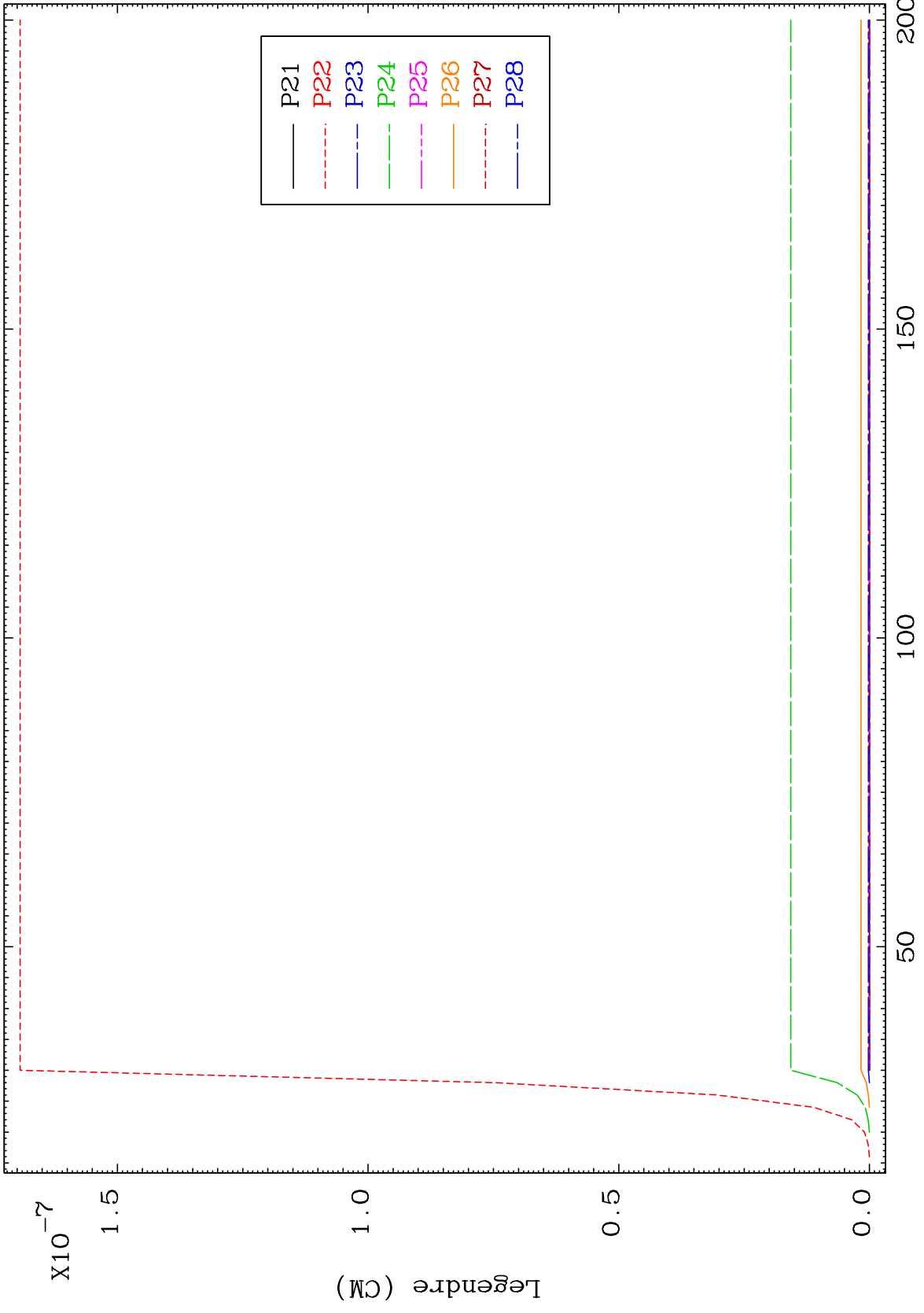
19 28-Ni-68

MAT 2855 MT= 51 (n,n') Level Legendre Coefficients 28-Ni-68



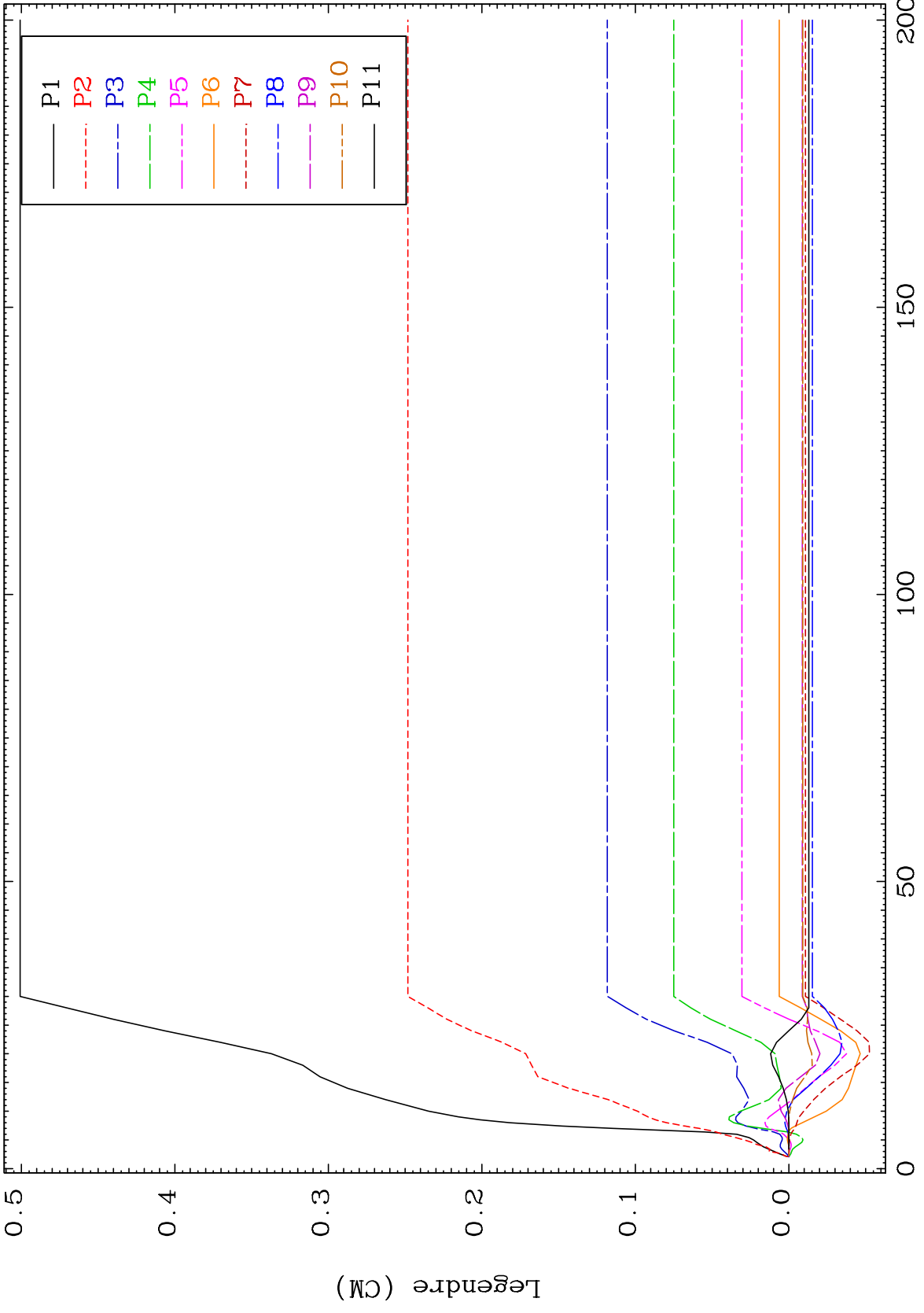
28-Ni-68

MAT 2855 MT= 51 (n,n') Level Legendre Coefficients 28-Ni-68



21 Incident Energy (MeV) 28-Ni-68

MAT 2855 MT= 52 (n,n') Level Legendre Coefficients 28-Ni-68

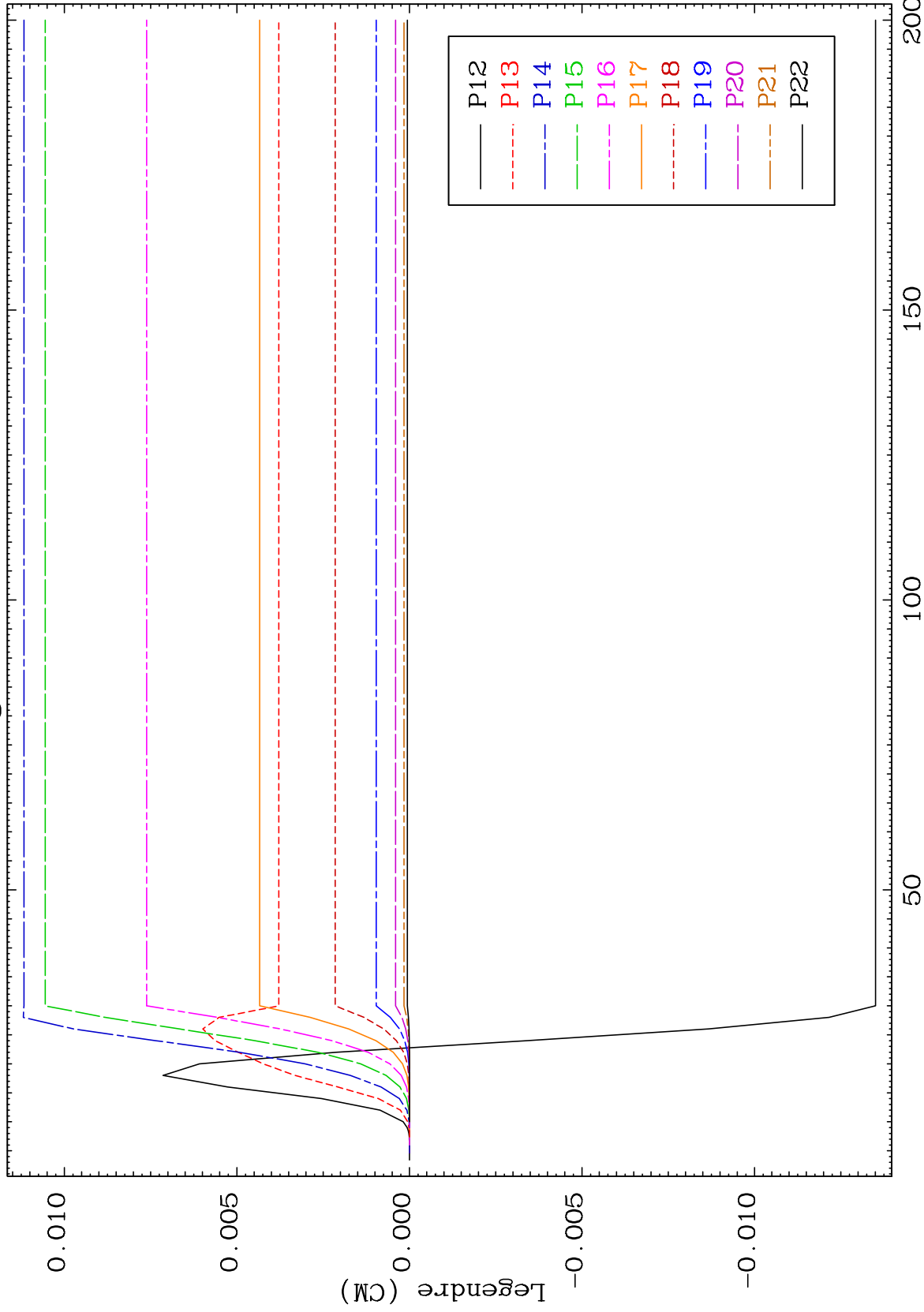


28-Ni-68 Incident Energy (MeV) 22

MAT 2855

MT= 52 (n,n') Level
Legendre Coefficients

28-Ni-68



23

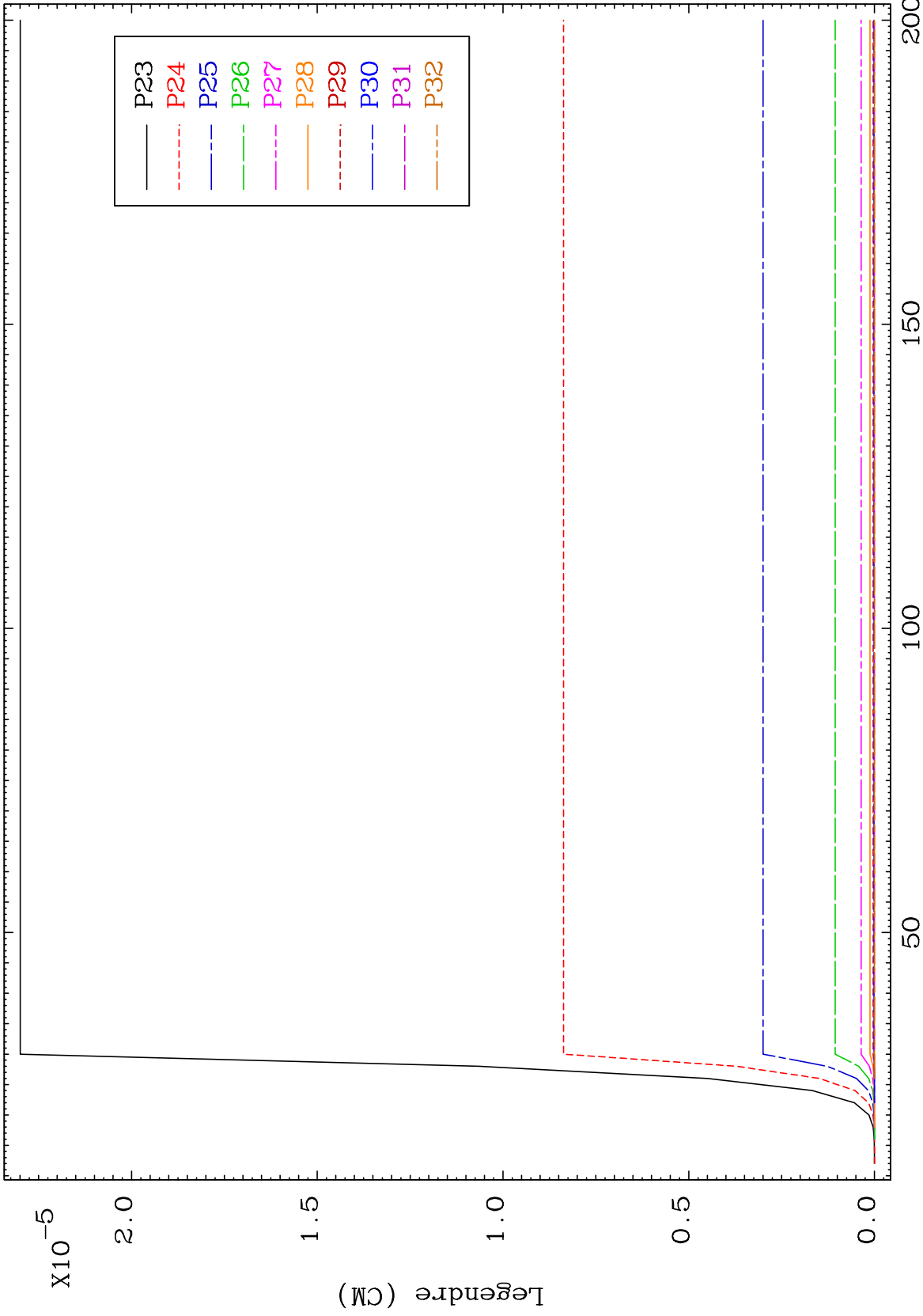
Incident Energy (MeV)

28-Ni-68

MAT 2855

MT= 52 (n,n') Level
Legendre Coefficients

28-Ni-68

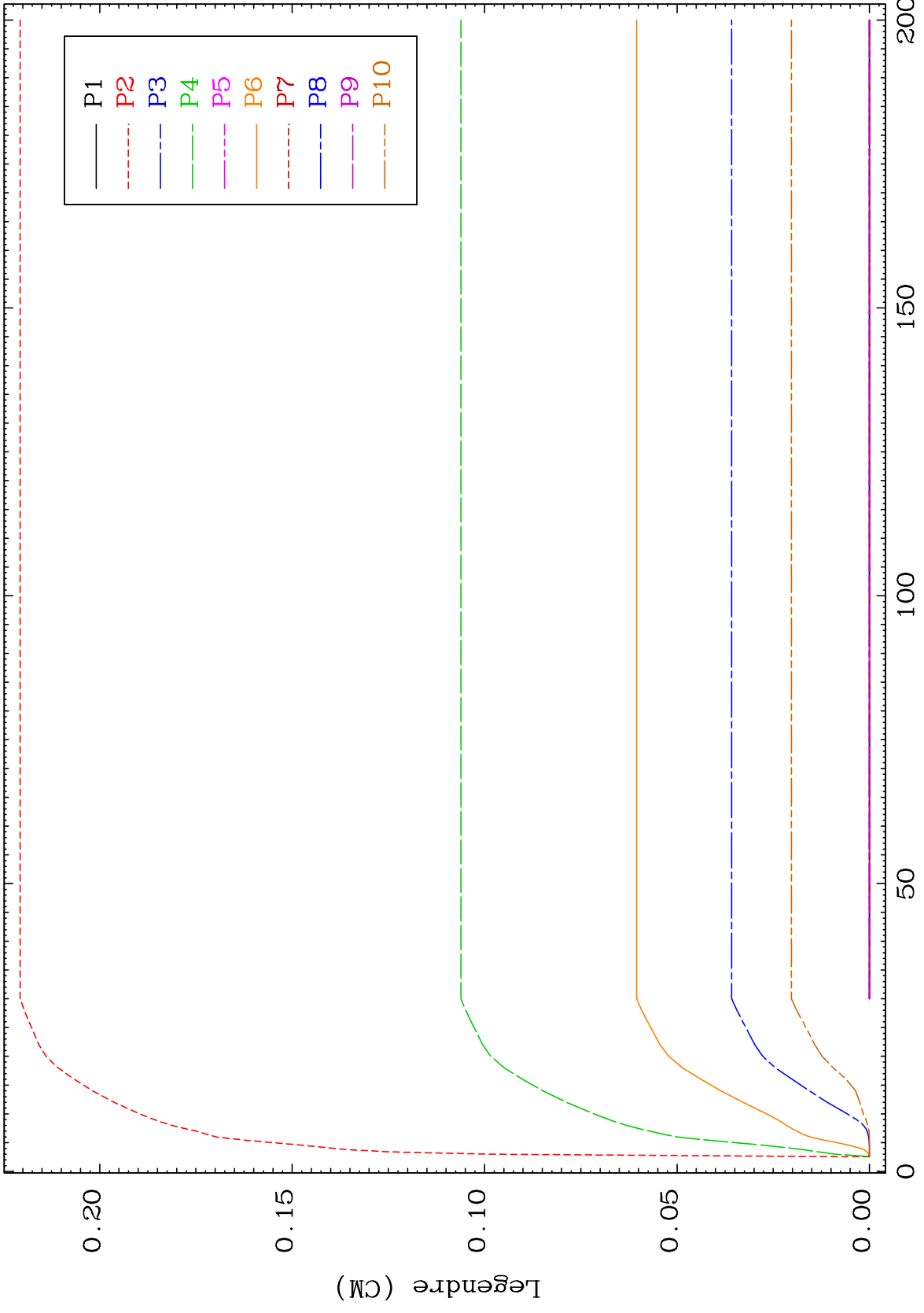


24

Incident Energy (MeV)

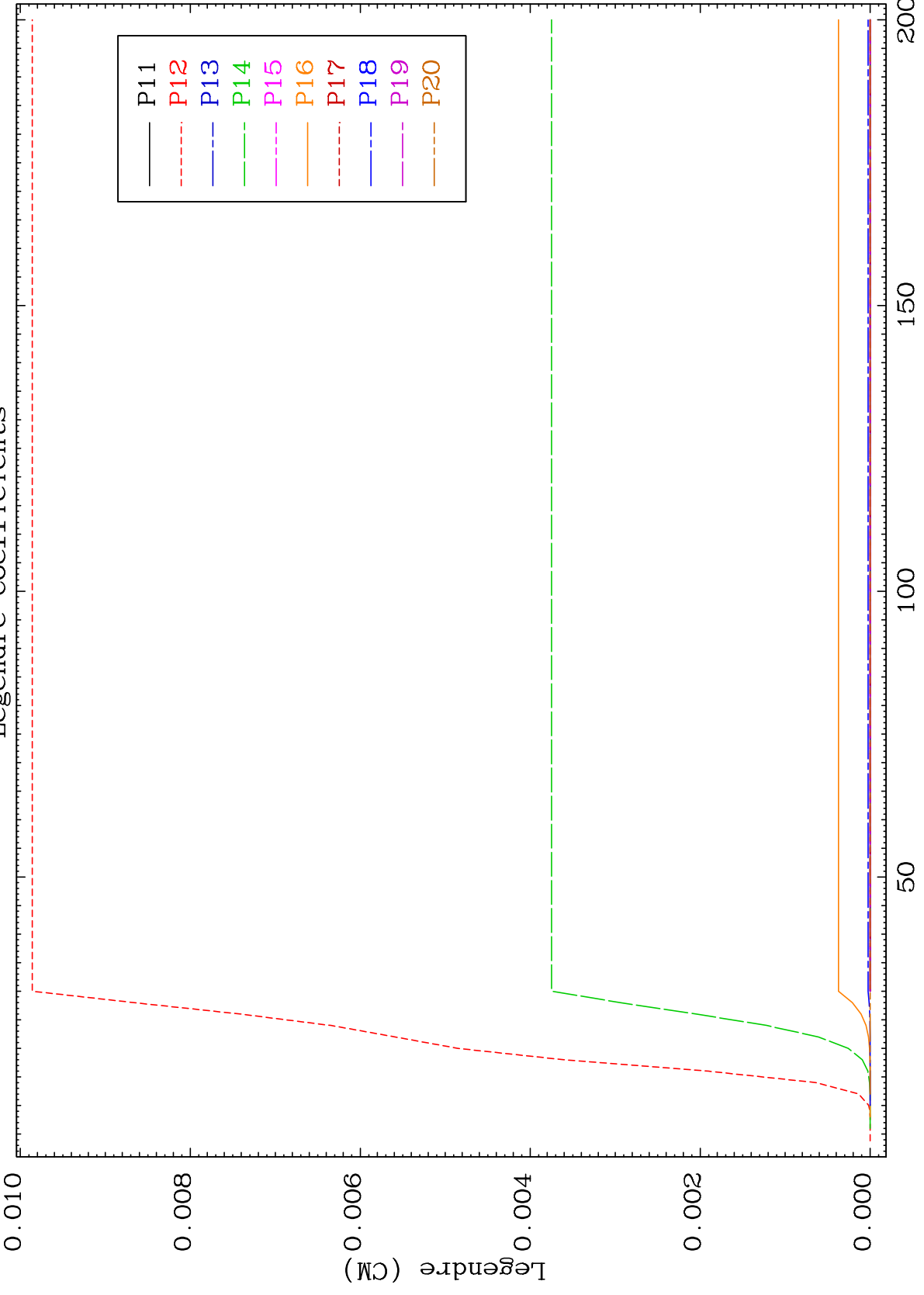
28-Ni-68

MAT 2855 MT= 53 (n,n') Level Legendre Coefficients 28-Ni-68



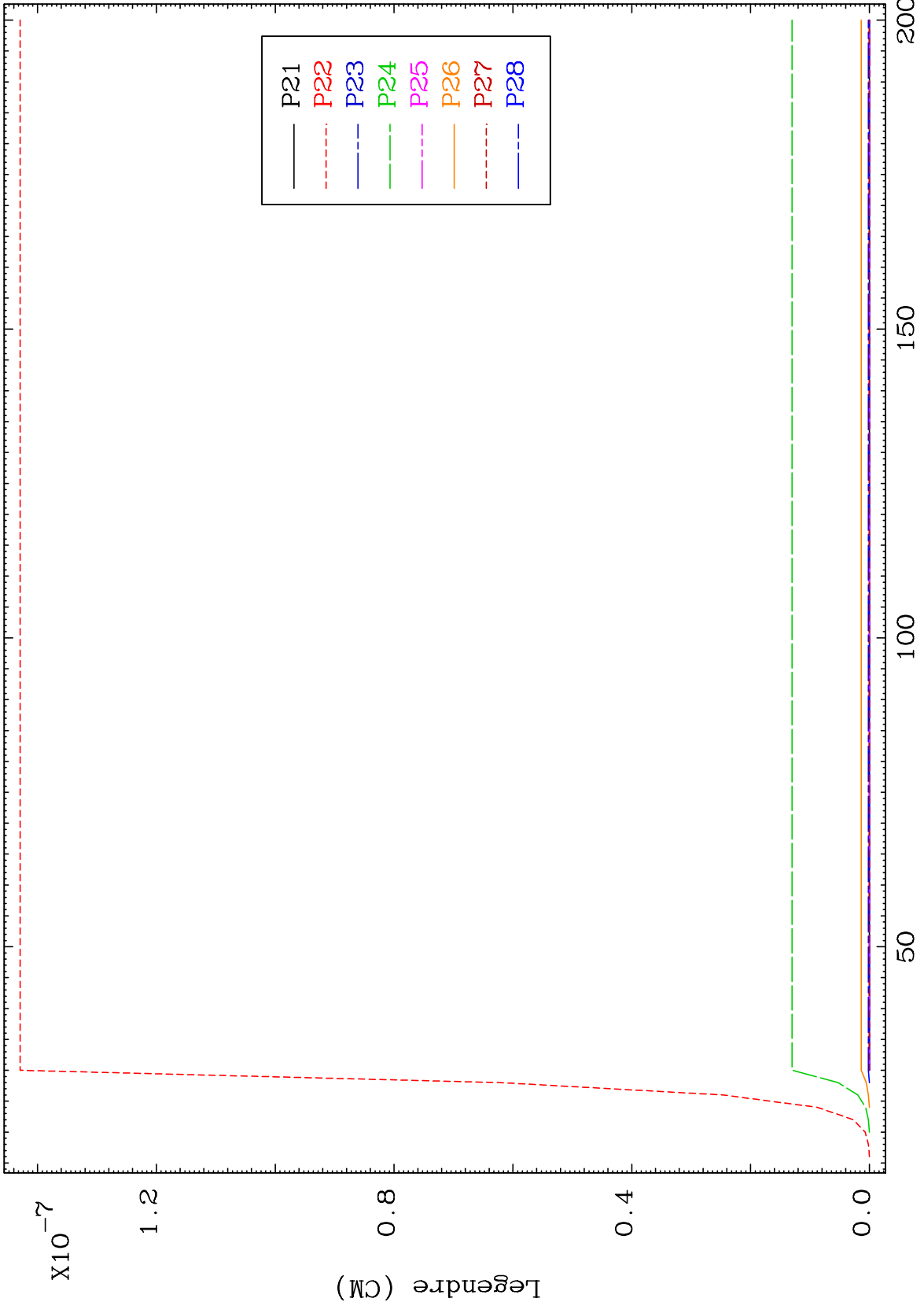
28-Ni-68

MAT 2855 MT= 53 (n,n') Level Legendre Coefficients 28-Ni-68



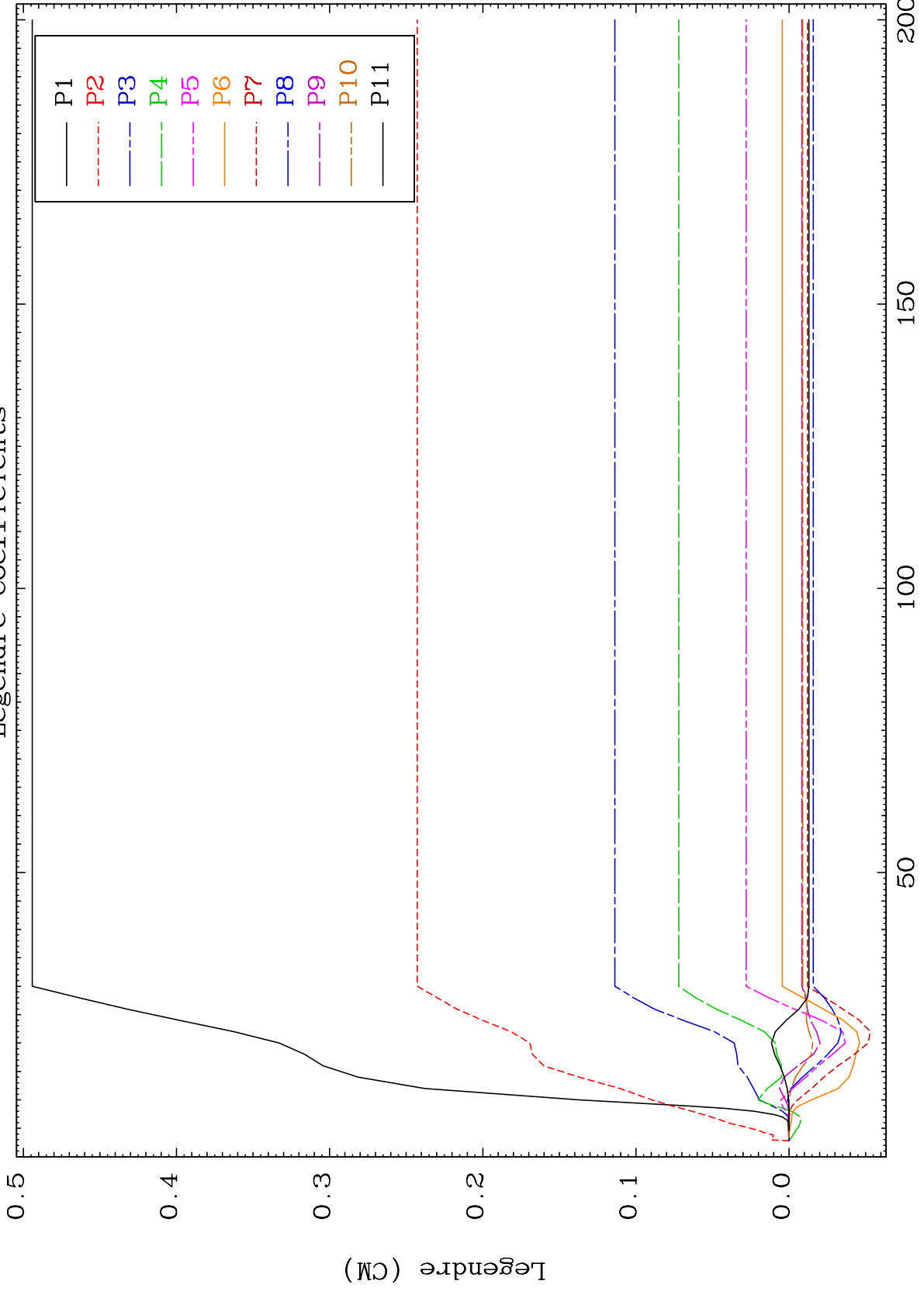
26 Incident Energy (MeV) 28-Ni-68

MAT 2855 MT= 53 (n,n') Level Legendre Coefficients 28-Ni-68



27 28-Ni-68

MAT 2855 MT= 54 (n,n') Level Legendre Coefficients 28-Ni-68

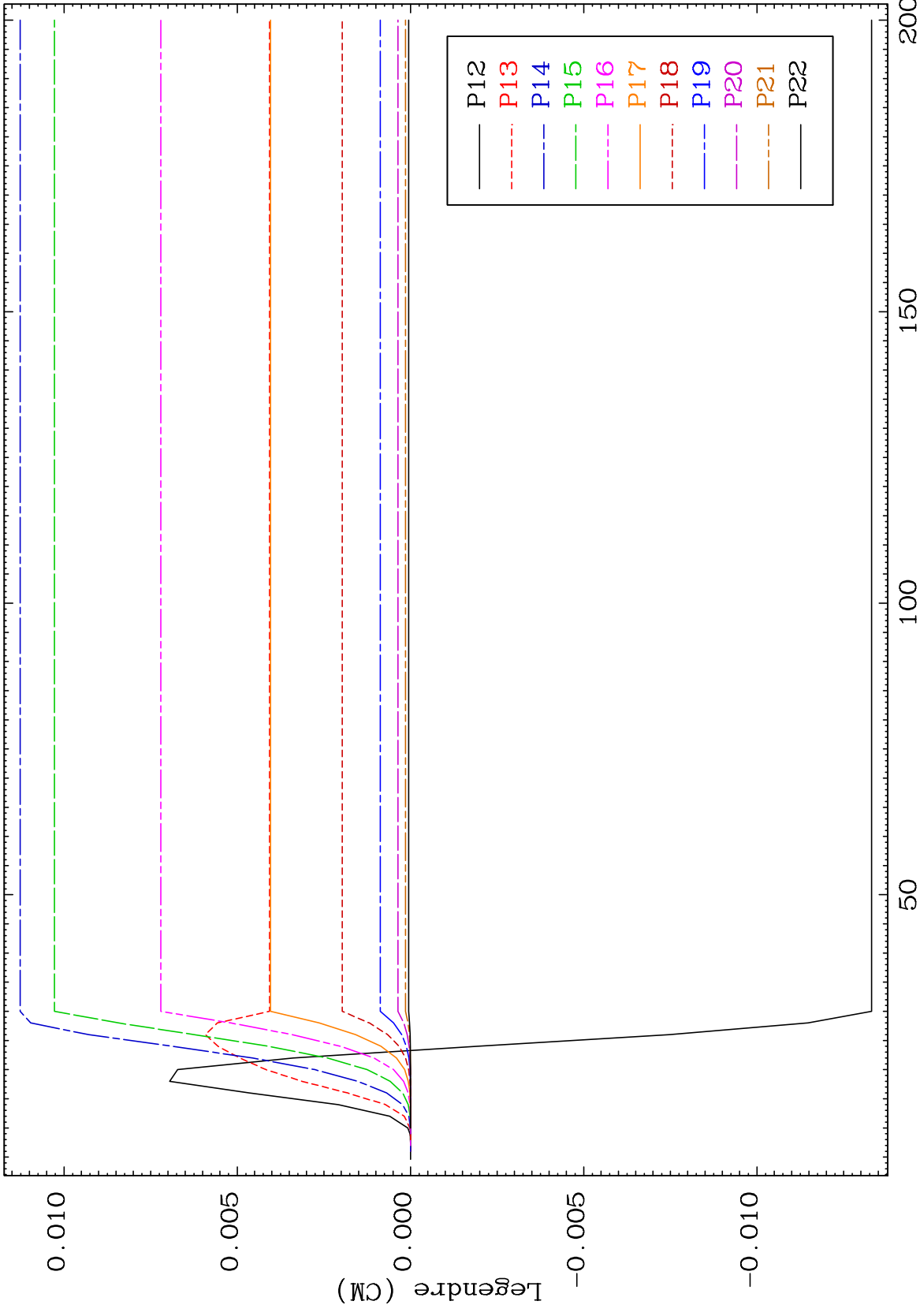


28 Incident Energy (MeV) 28-Ni-68

MAT 2855

MT= 54 (n,n') Level
Legendre Coefficients

28-Ni-68



29

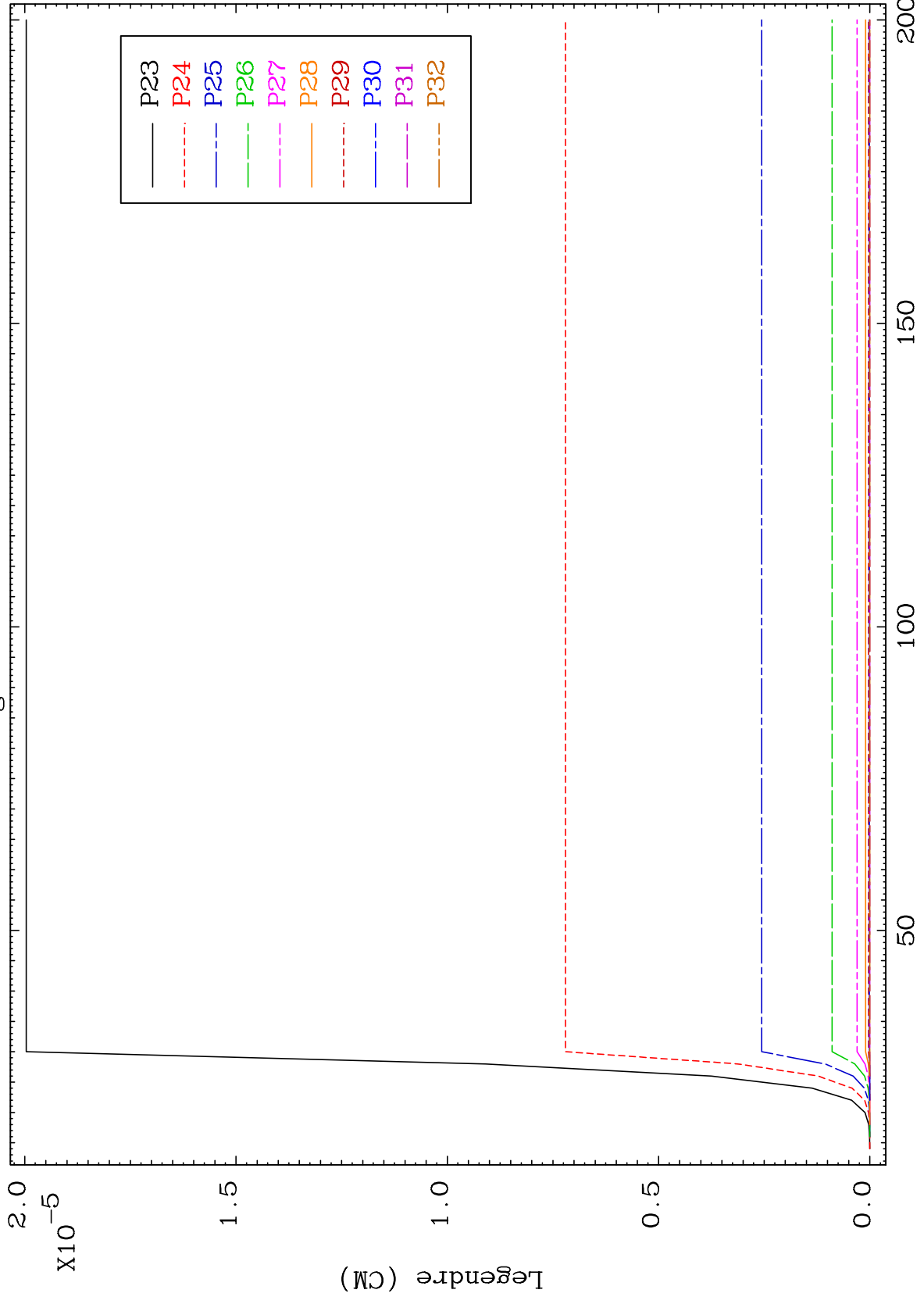
Incident Energy (MeV)

28-Ni-68

MAT 2855

MT= 54 (n,n') Level
Legendre Coefficients

28-Ni-68



30

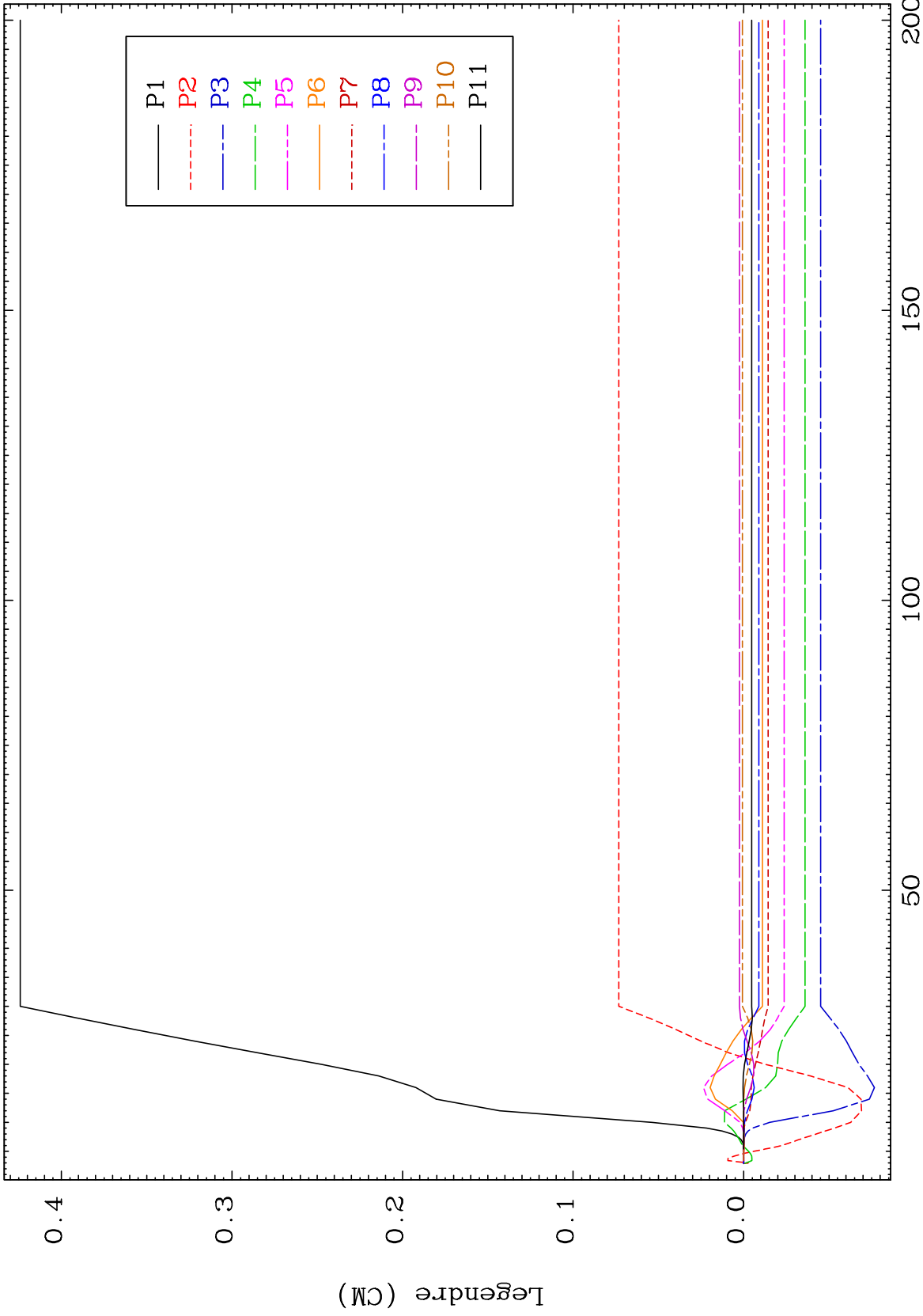
Incident Energy (MeV)

28-Ni-68

MAT 2855

MT= 55 (n,n') Level
Legendre Coefficients

28-Ni-68



31

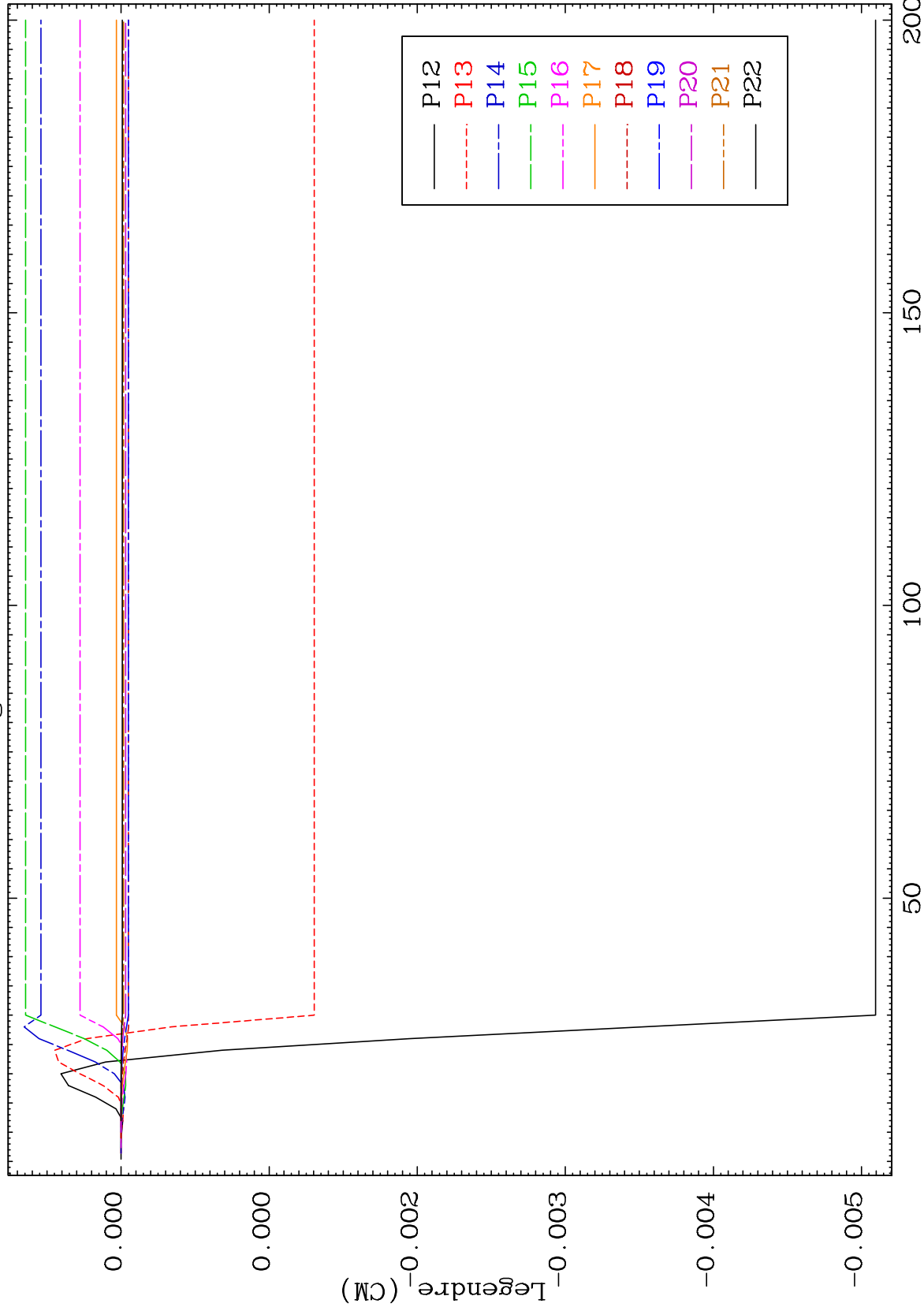
Incident Energy (MeV)

28-Ni-68

MAT 2855

MT= 55 (n,n') Level
Legendre Coefficients

28-Ni-68



32

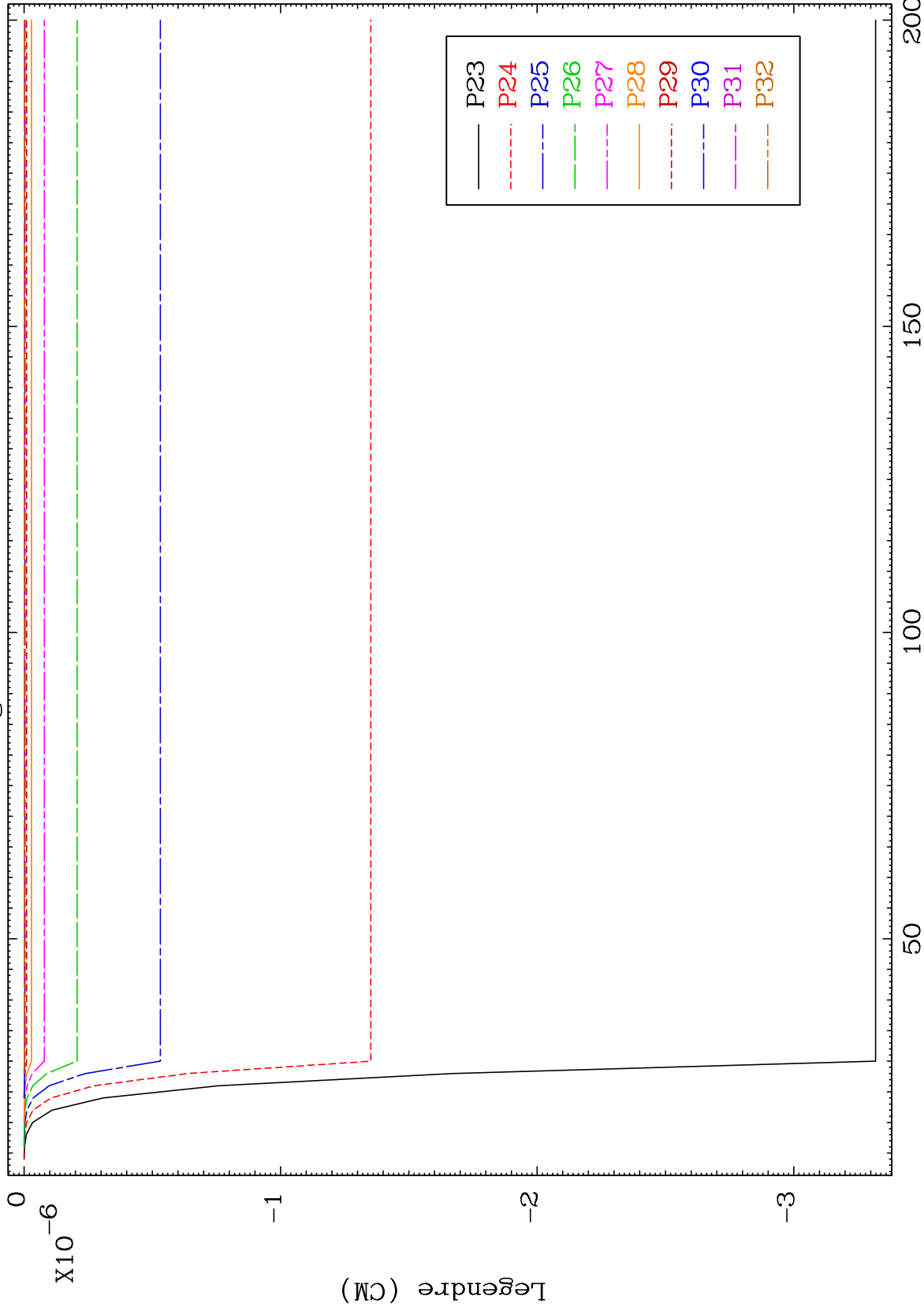
Incident Energy (MeV)

28-Ni-68

MAT 2855

MT= 55 (n,n') Level
Legendre Coefficients

28-Ni-68

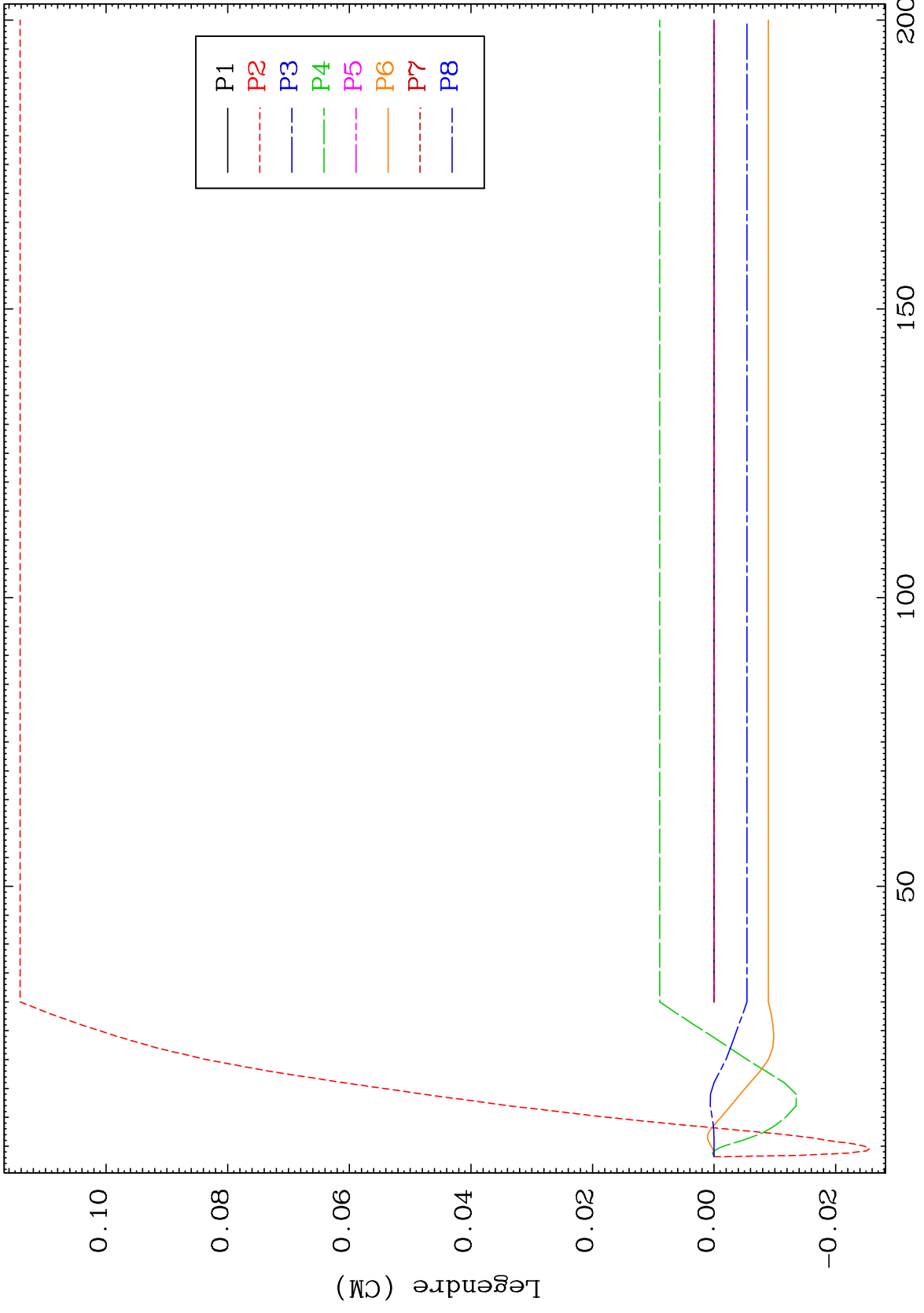


28-Ni-68

Incident Energy (MeV)

33

MAT 2855 MT= 56 (n,n') Level Legendre Coefficients 28-Ni-68

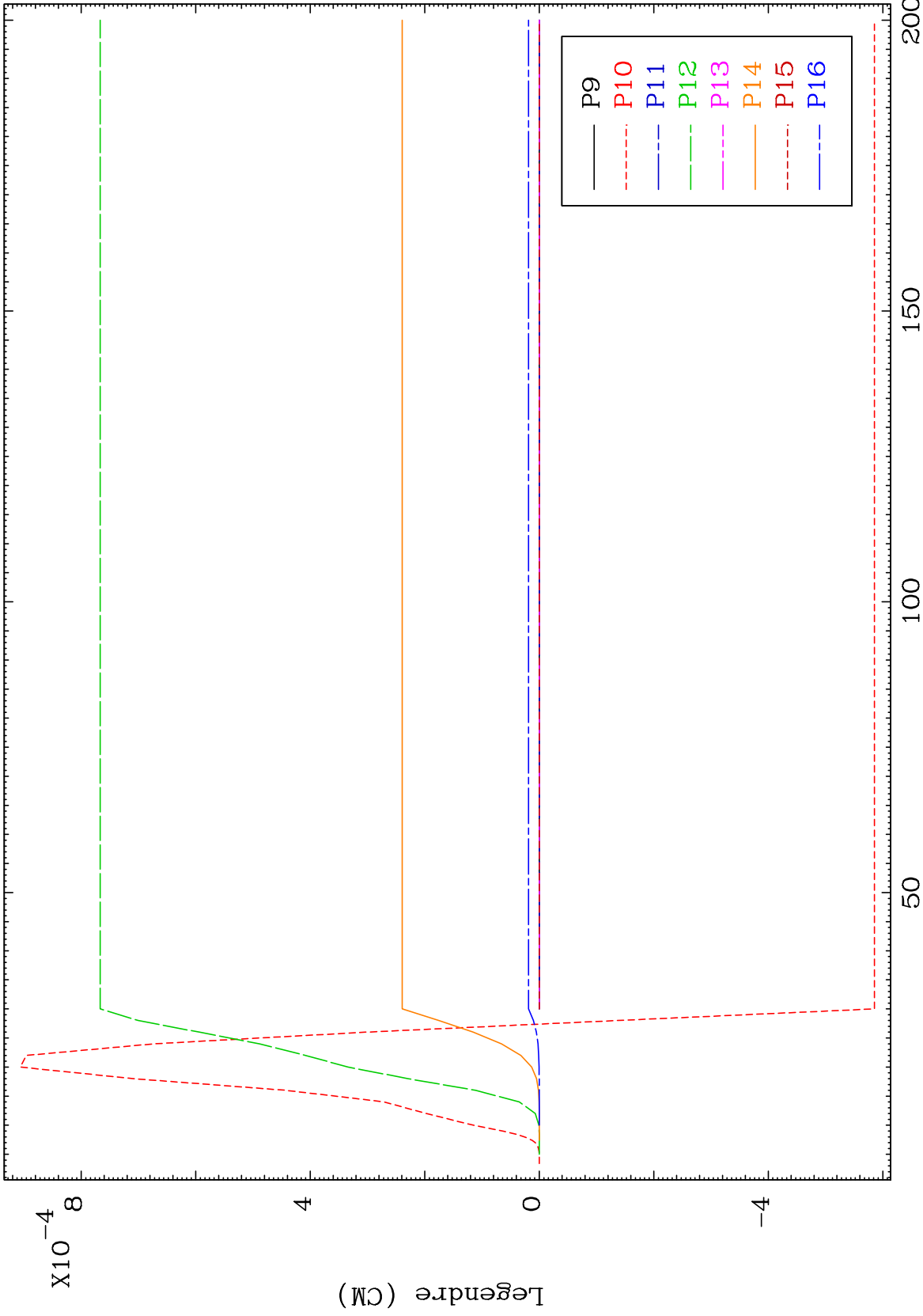


34 Incident Energy (MeV) 28-Ni-68

MAT 2855

MT= 56 (n,n') Level
Legendre Coefficients

28-Ni-68

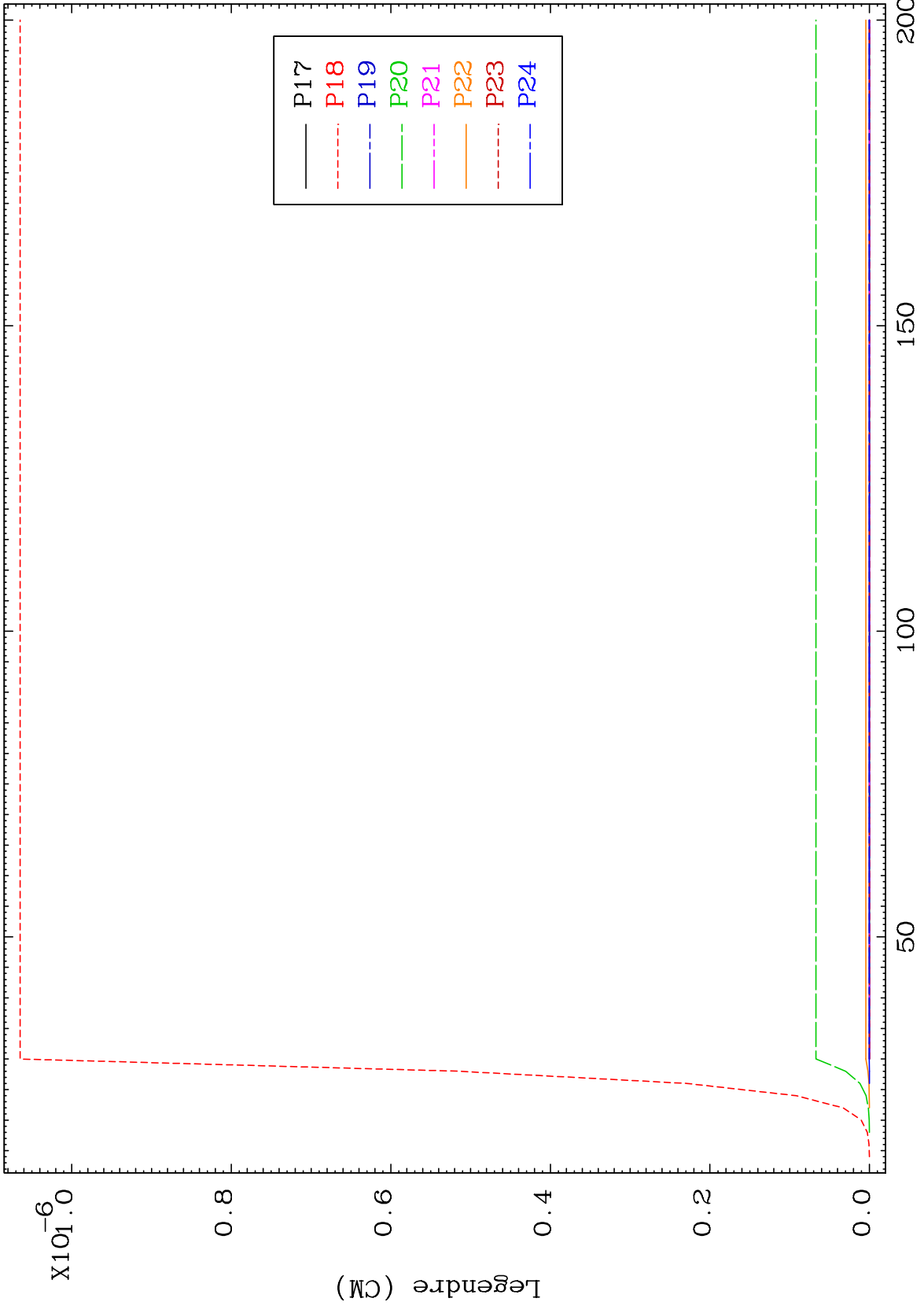


35

Incident Energy (MeV)

28-Ni-68

MAT 2855 MT= 56 (n,n') Level Legendre Coefficients 28-Ni-68

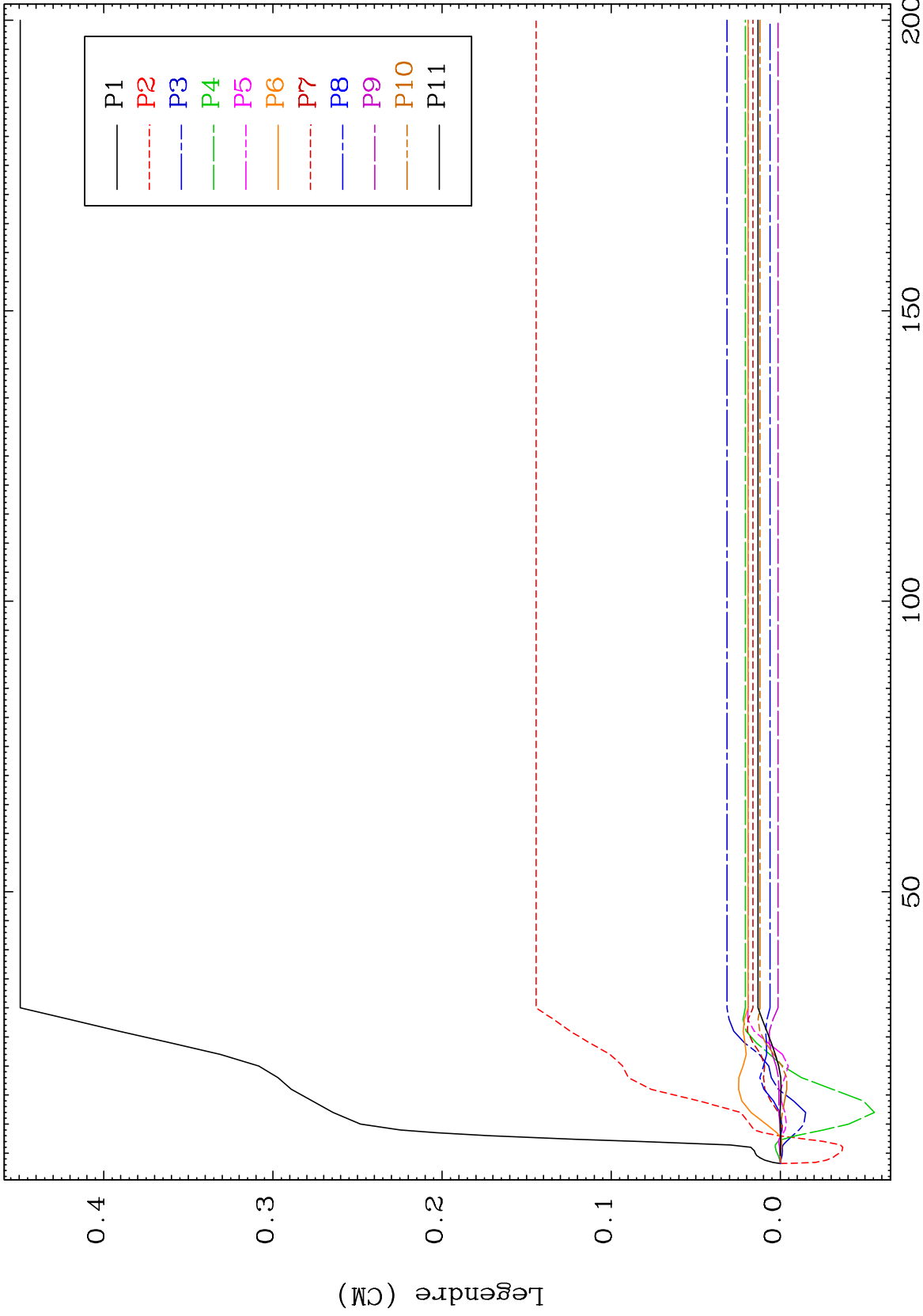


36 50 100 150 200 28-Ni-68

MAT 2855

MT= 57 (n,n') Level
Legendre Coefficients

28-Ni-68



37

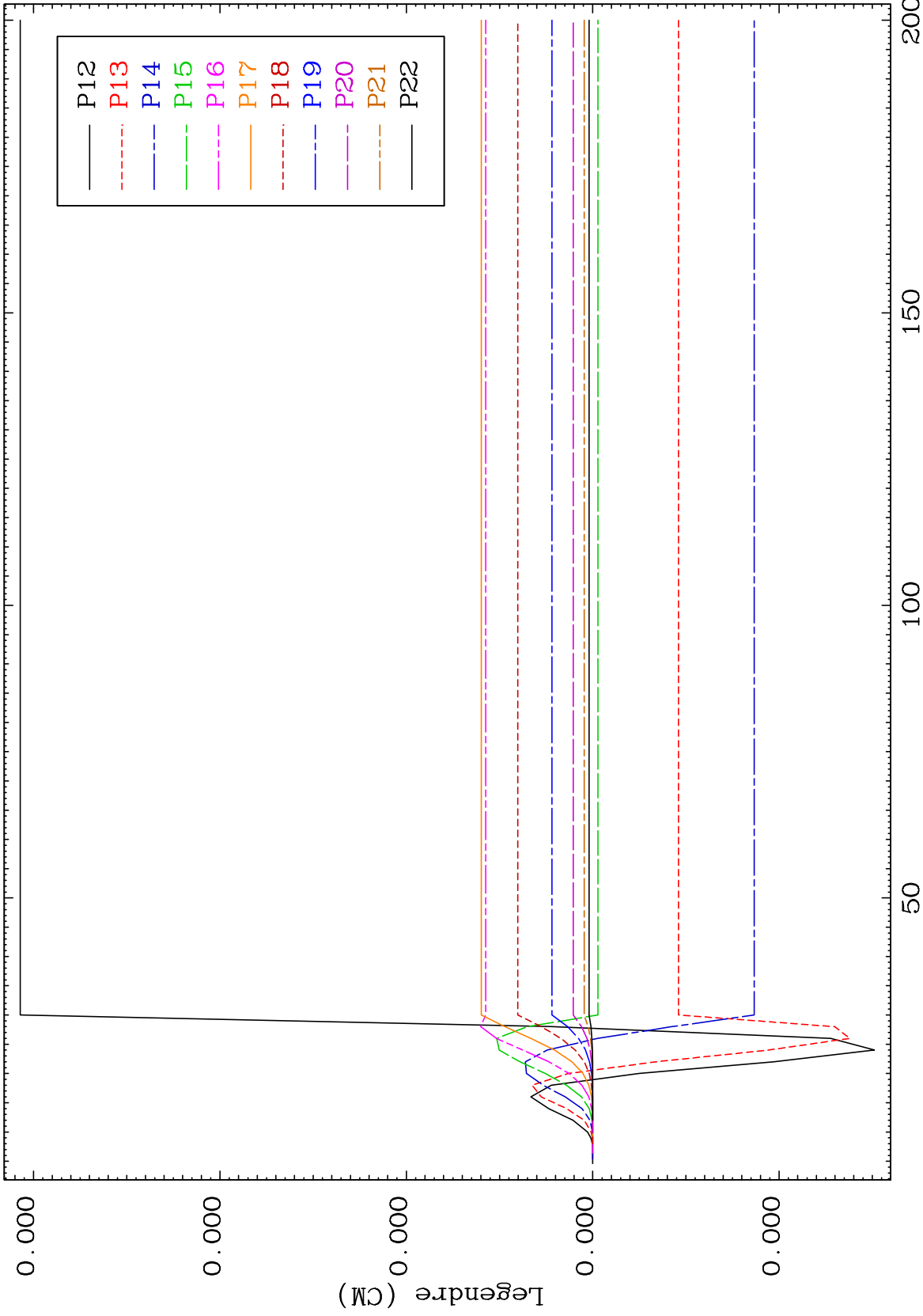
Incident Energy (MeV)

28-Ni-68

MAT 2855

MT= 57 (n,n') Level
Legendre Coefficients

28-Ni-68



38

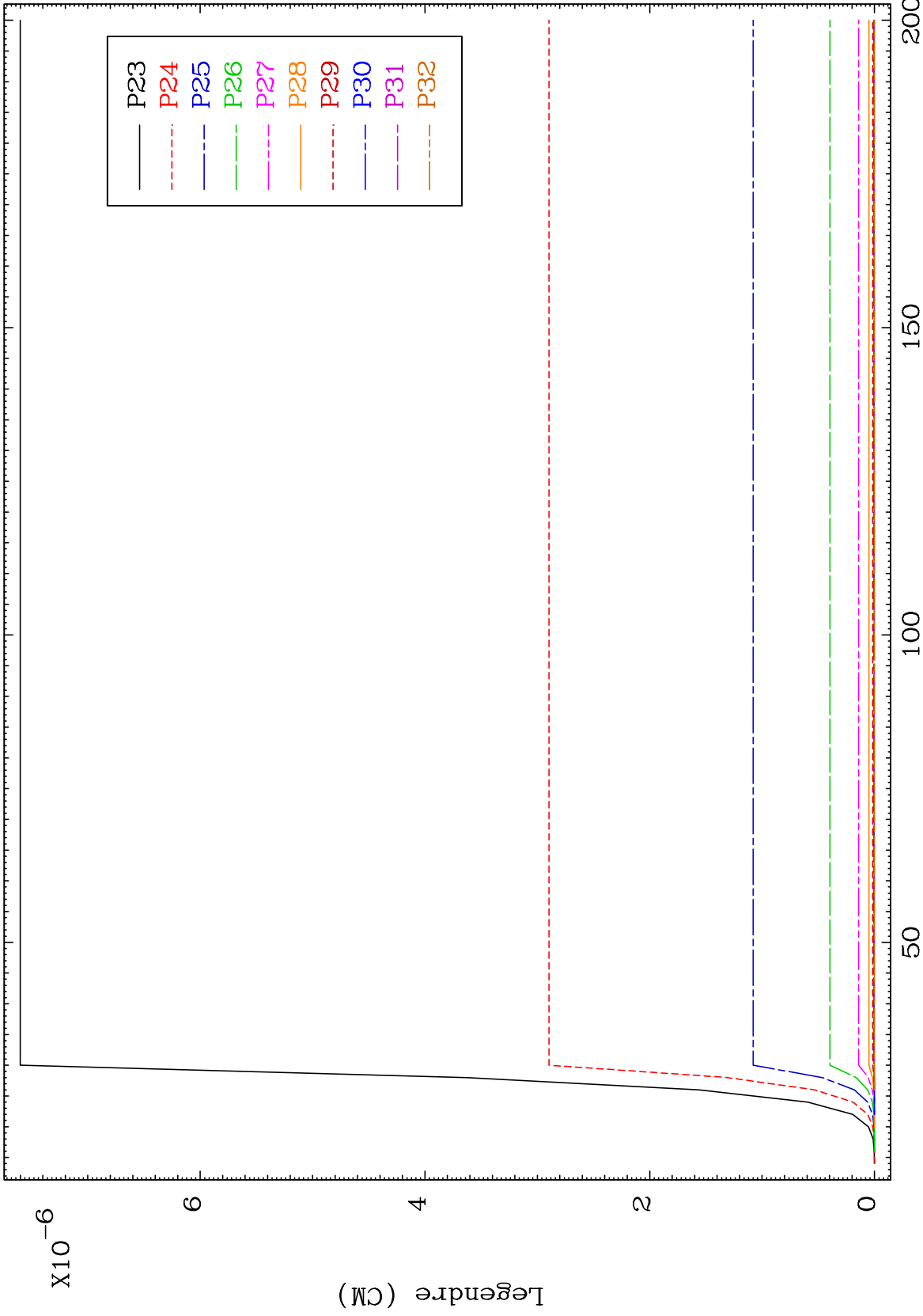
Incident Energy (MeV)

28-Ni-68

MAT 2855

MT= 57 (n,n') Level
Legendre Coefficients

28-Ni-68

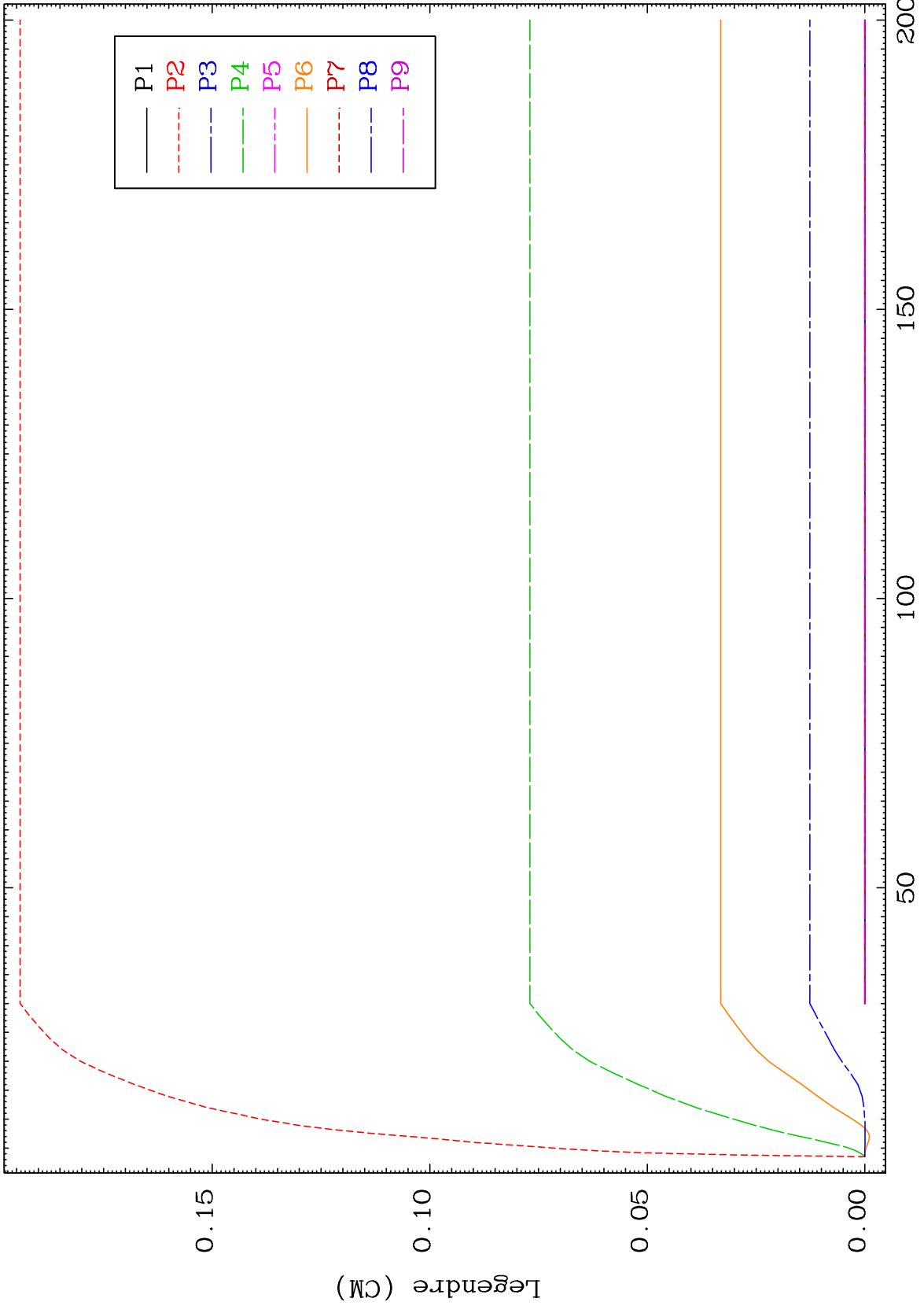


39

Incident Energy (MeV)

28-Ni-68

MAT 2855 MT= 58 (n,n') Level Legendre Coefficients 28-Ni-68

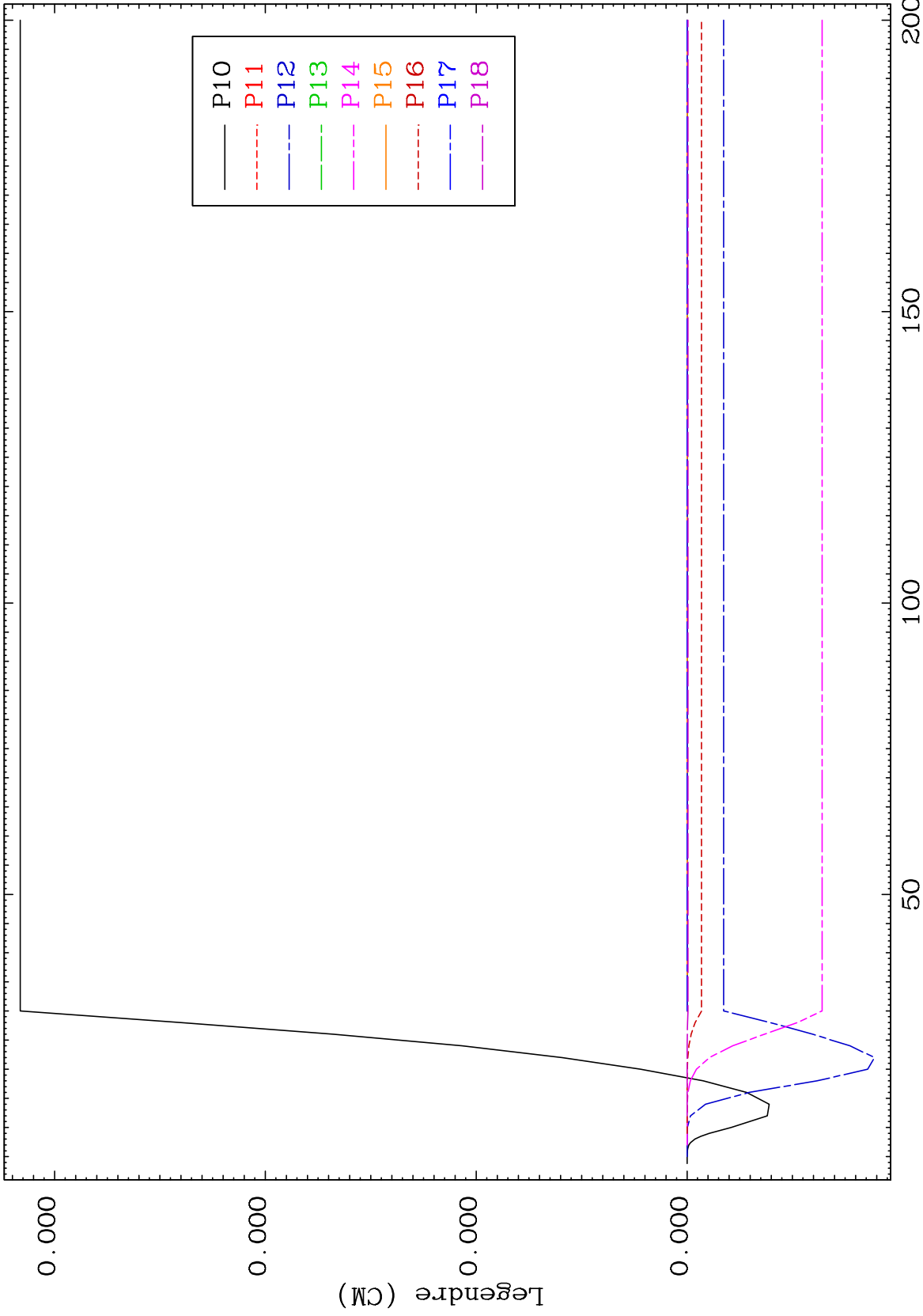


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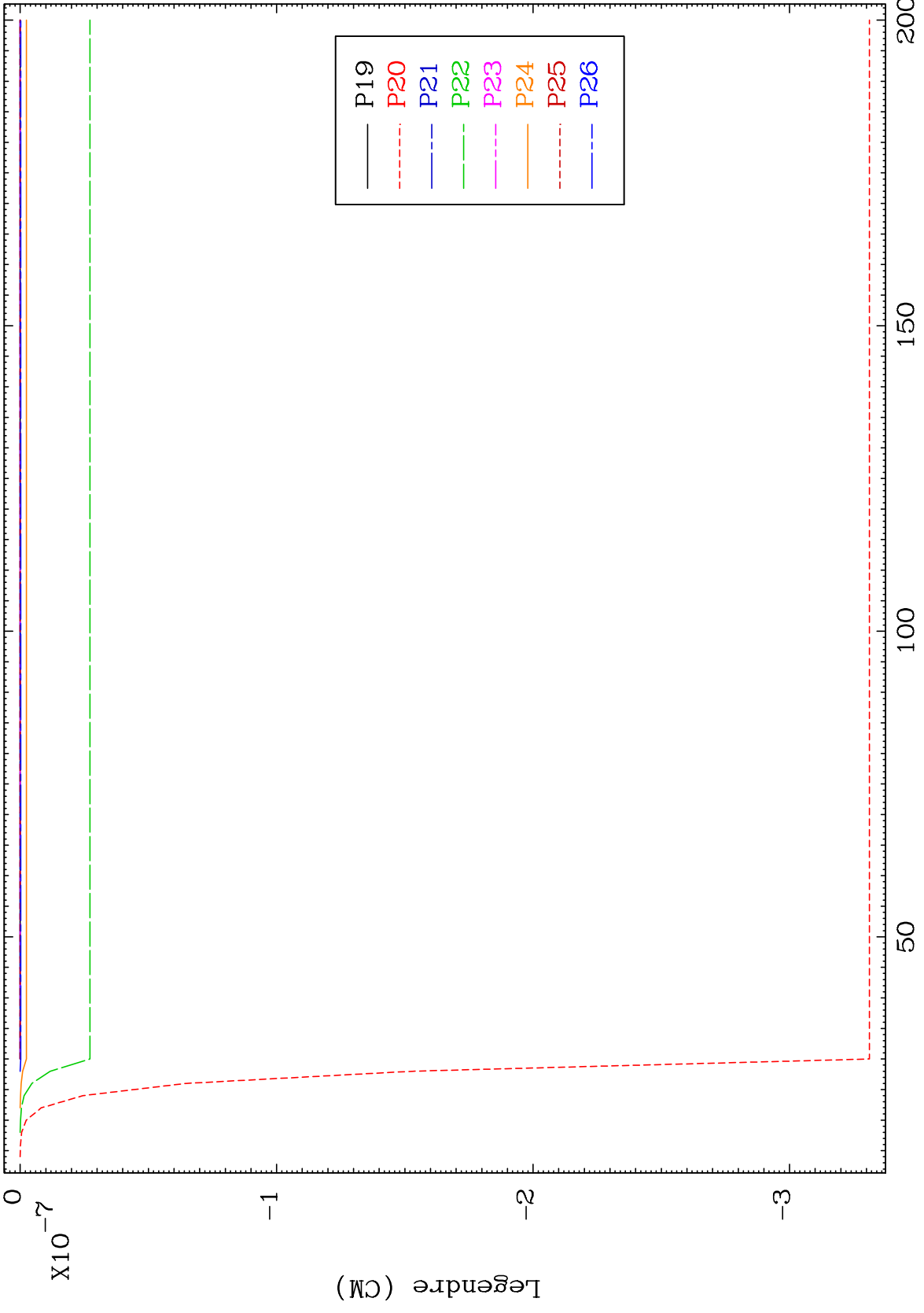
MAT 2855

MT= 58 (n,n') Level
Legendre Coefficients

28-Ni-68



MAT 2855 MT= 58 (n,n') Level Legendre Coefficients 28-Ni-68

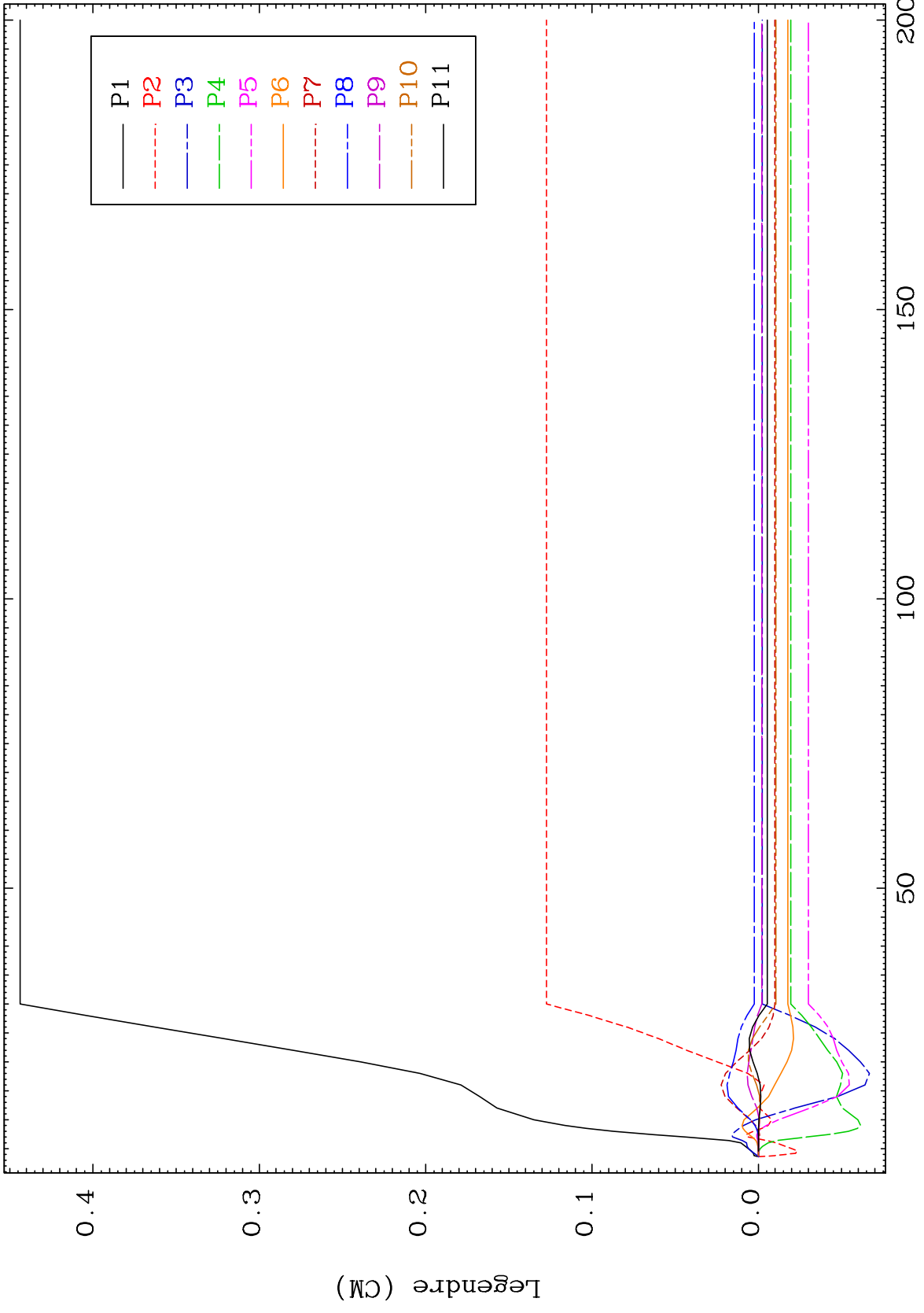


42 Incident Energy (MeV) 28-Ni-68

MAT 2855

MT= 59 (n,n') Level
Legendre Coefficients

28-Ni-68



43

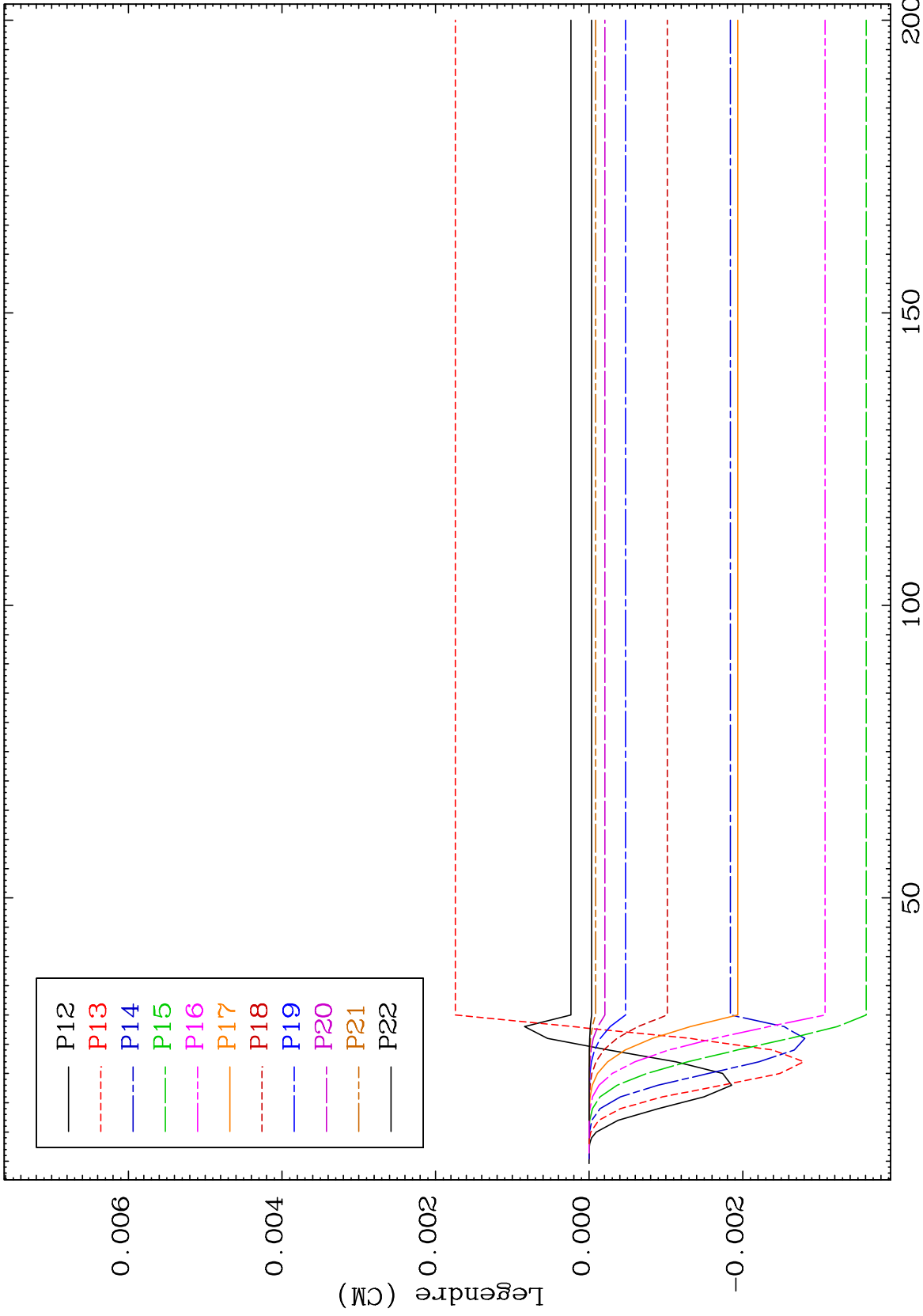
Incident Energy (MeV)

28-Ni-68

MAT 2855

MT= 59 (n,n') Level
Legendre Coefficients

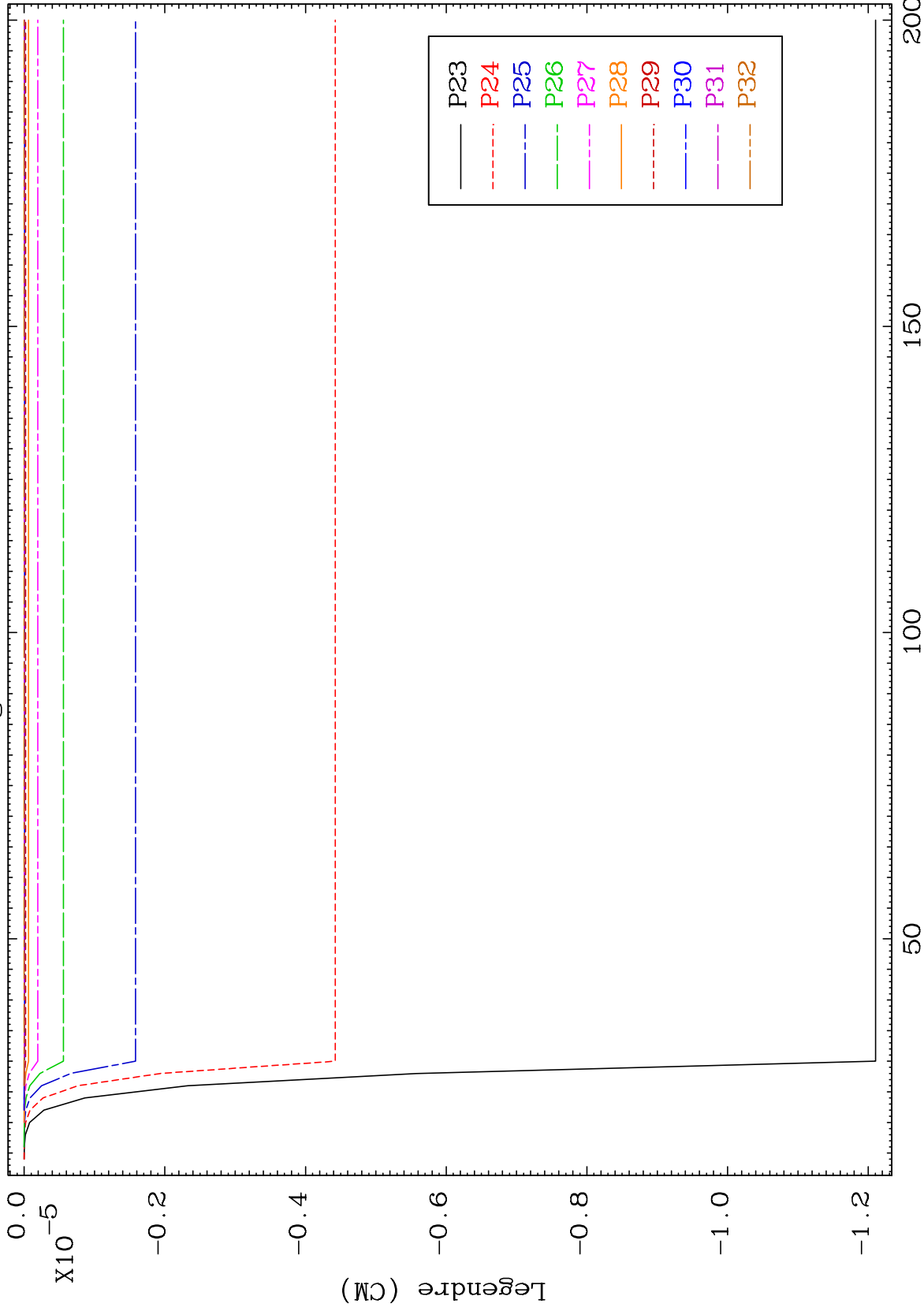
28-Ni-68



MAT 2855

MT= 59 (n,n') Level
Legendre Coefficients

28-Ni-68



28-Ni-68

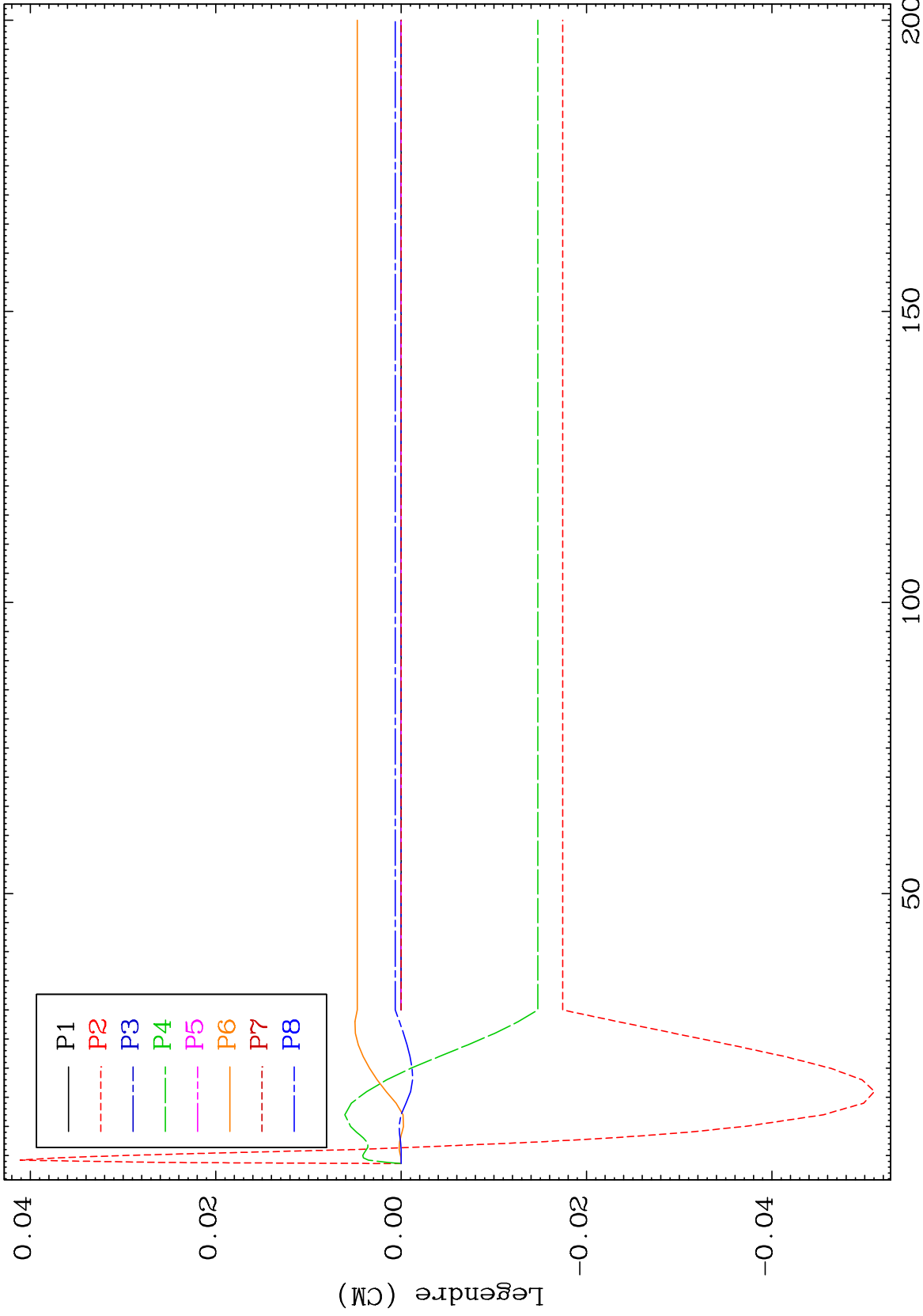
Incident Energy (MeV)

45

MAT 2855

MT= 60 (n,n') Level
Legendre Coefficients

28-Ni-68



46

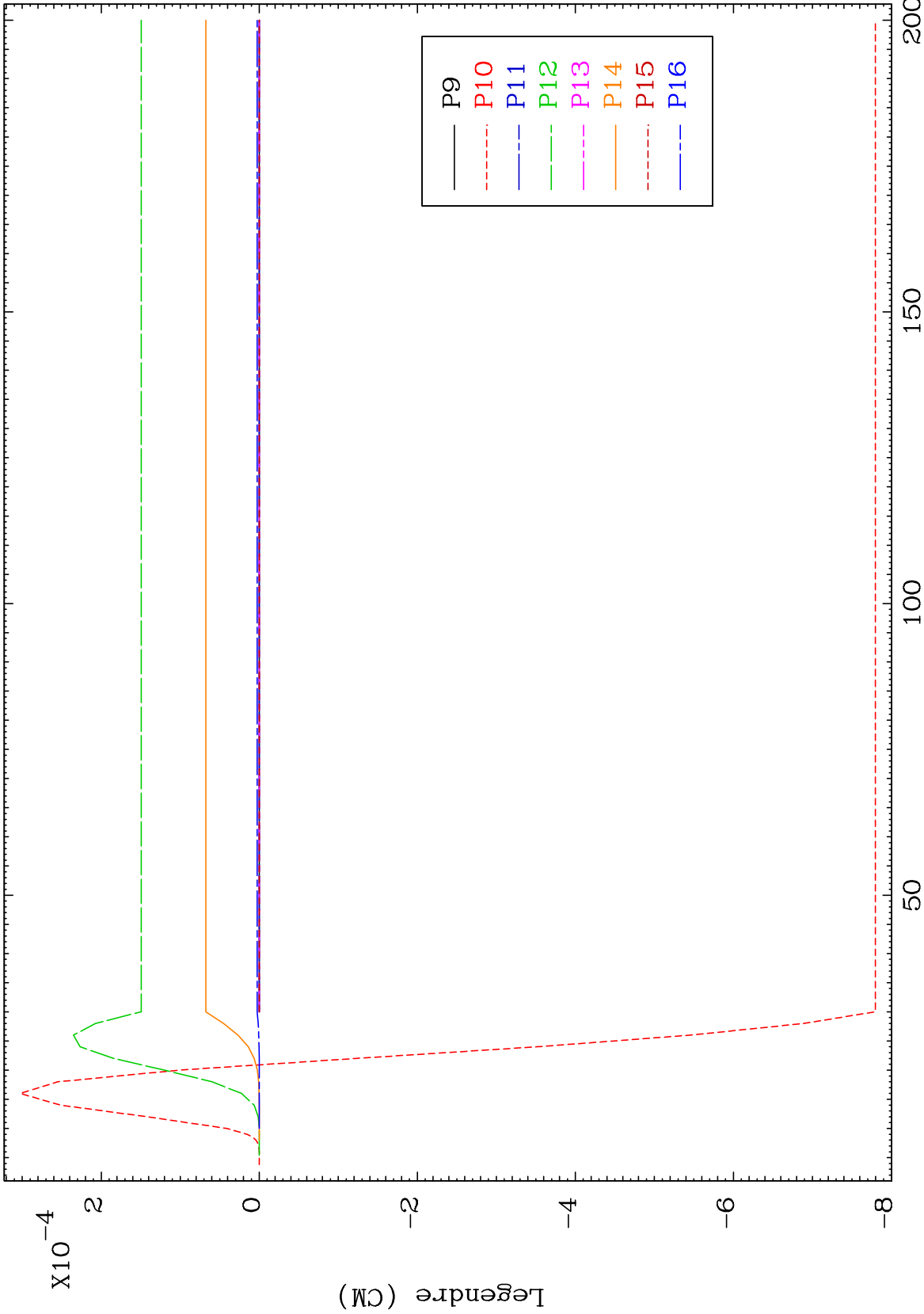
Incident Energy (MeV)

28-Ni-68

MAT 2855

MT= 60 (n,n') Level
Legendre Coefficients

28-Ni-68

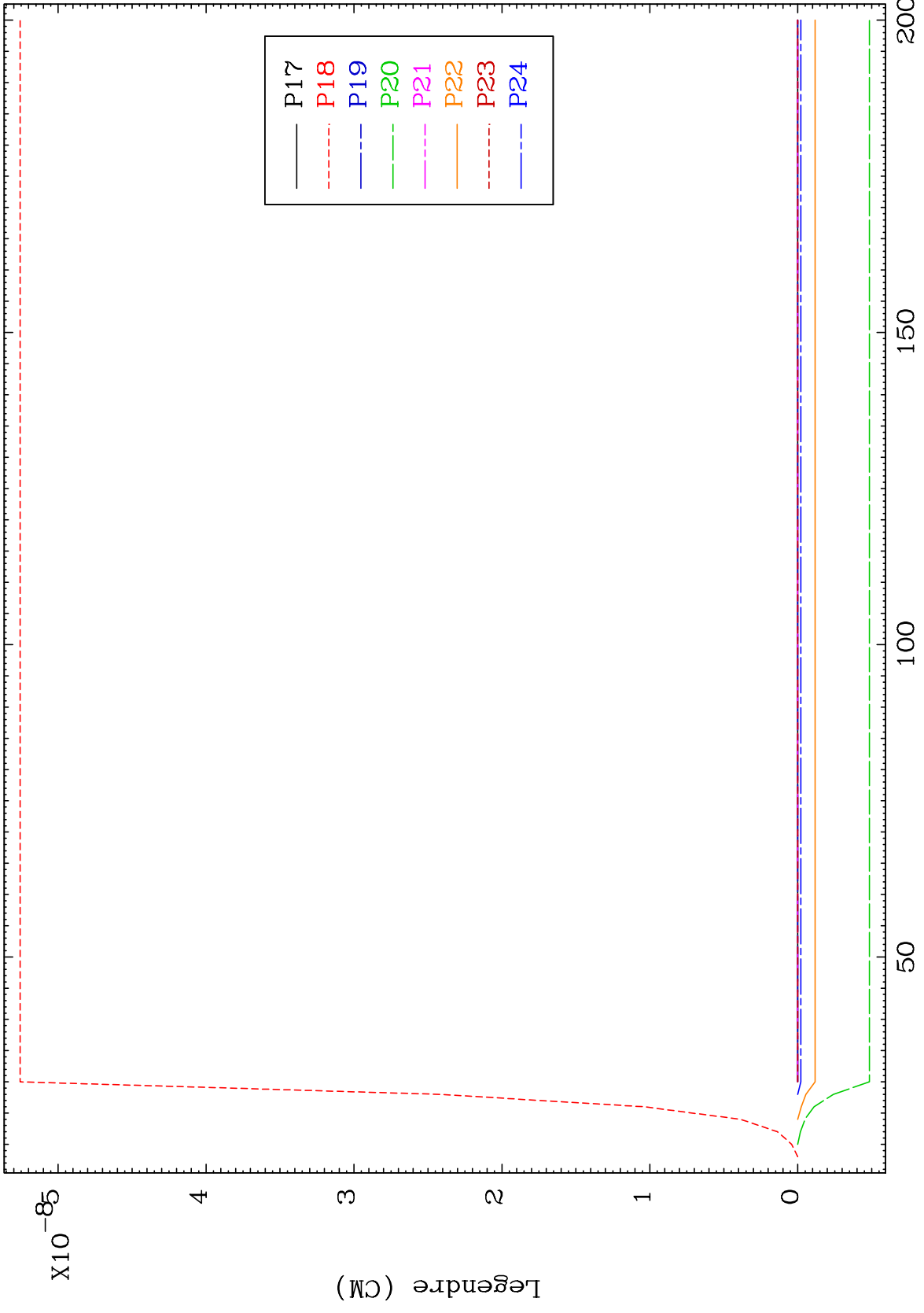


47

Incident Energy (MeV)

28-Ni-68

MAT 2855 MT= 60 (n,n') Level Legendre Coefficients 28-Ni-68

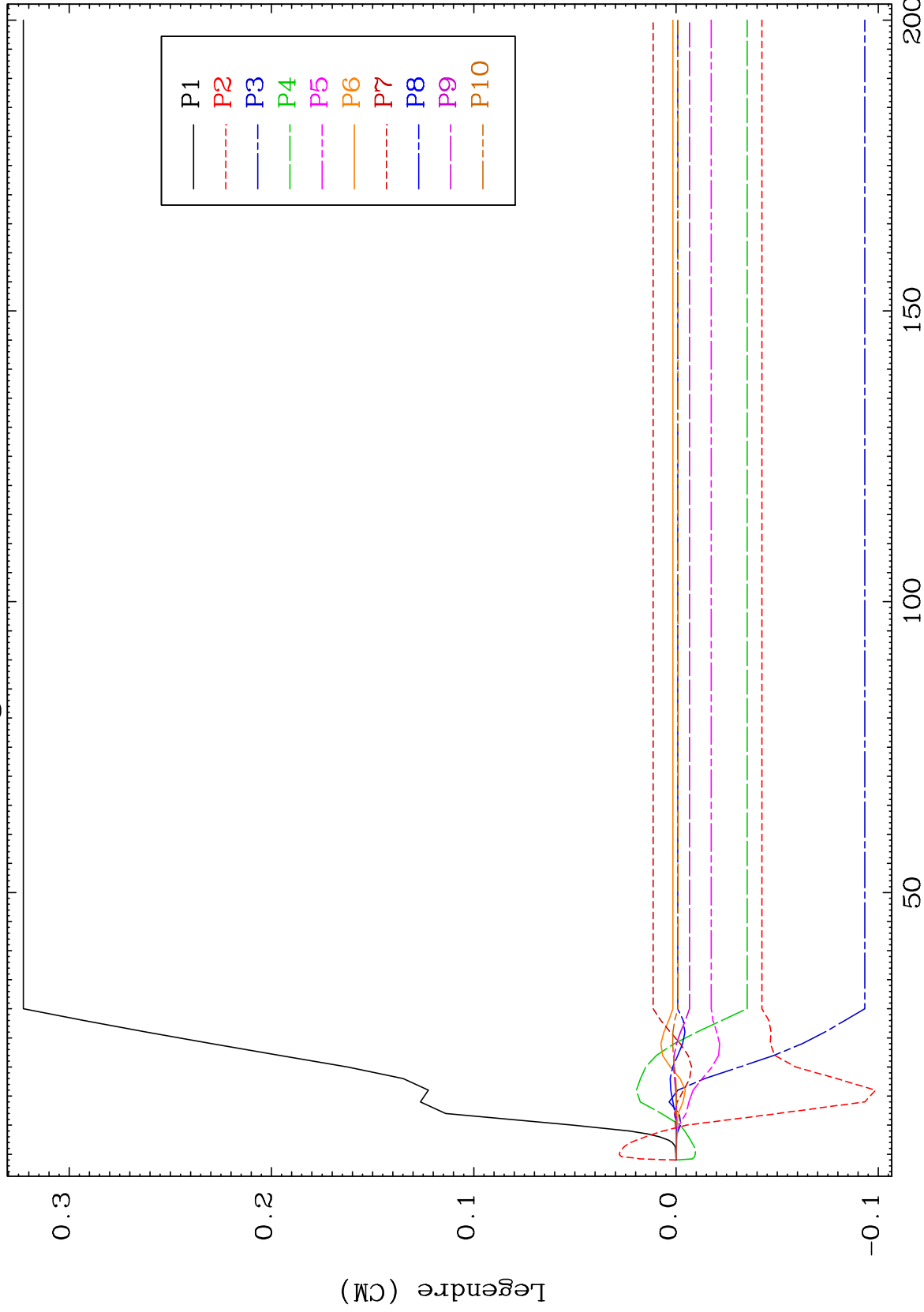


48 Incident Energy (MeV) 28-Ni-68

MAT 2855

MT= 61 (n,n') Level
Legendre Coefficients

28-Ni-68



49

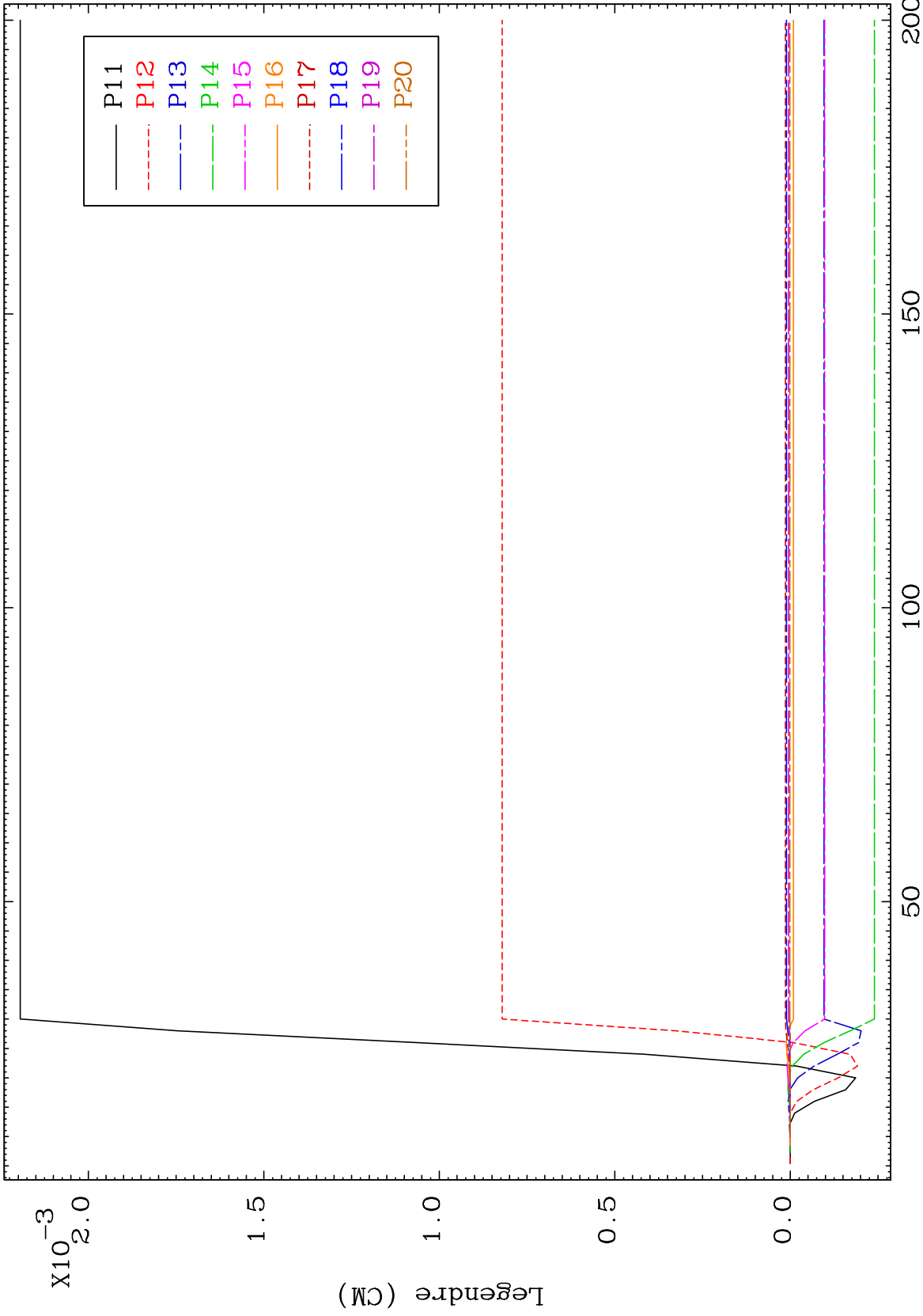
Incident Energy (MeV)

28-Ni-68

MAT 2855

MT= 61 (n,n') Level
Legendre Coefficients

28-Ni-68



50

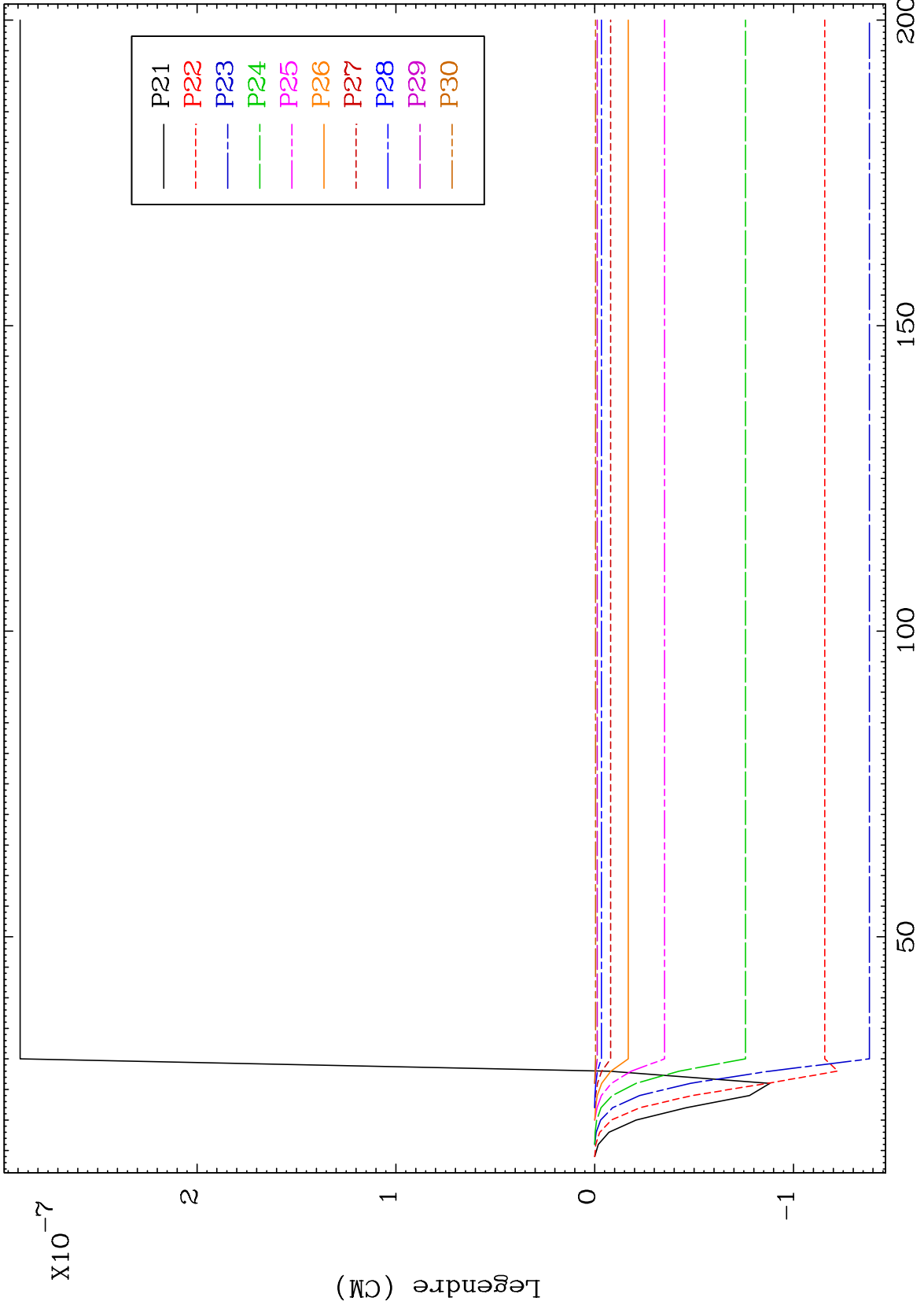
Incident Energy (MeV)

28-Ni-68

MAT 2855

MT= 61 (n,n') Level
Legendre Coefficients

28-Ni-68



51

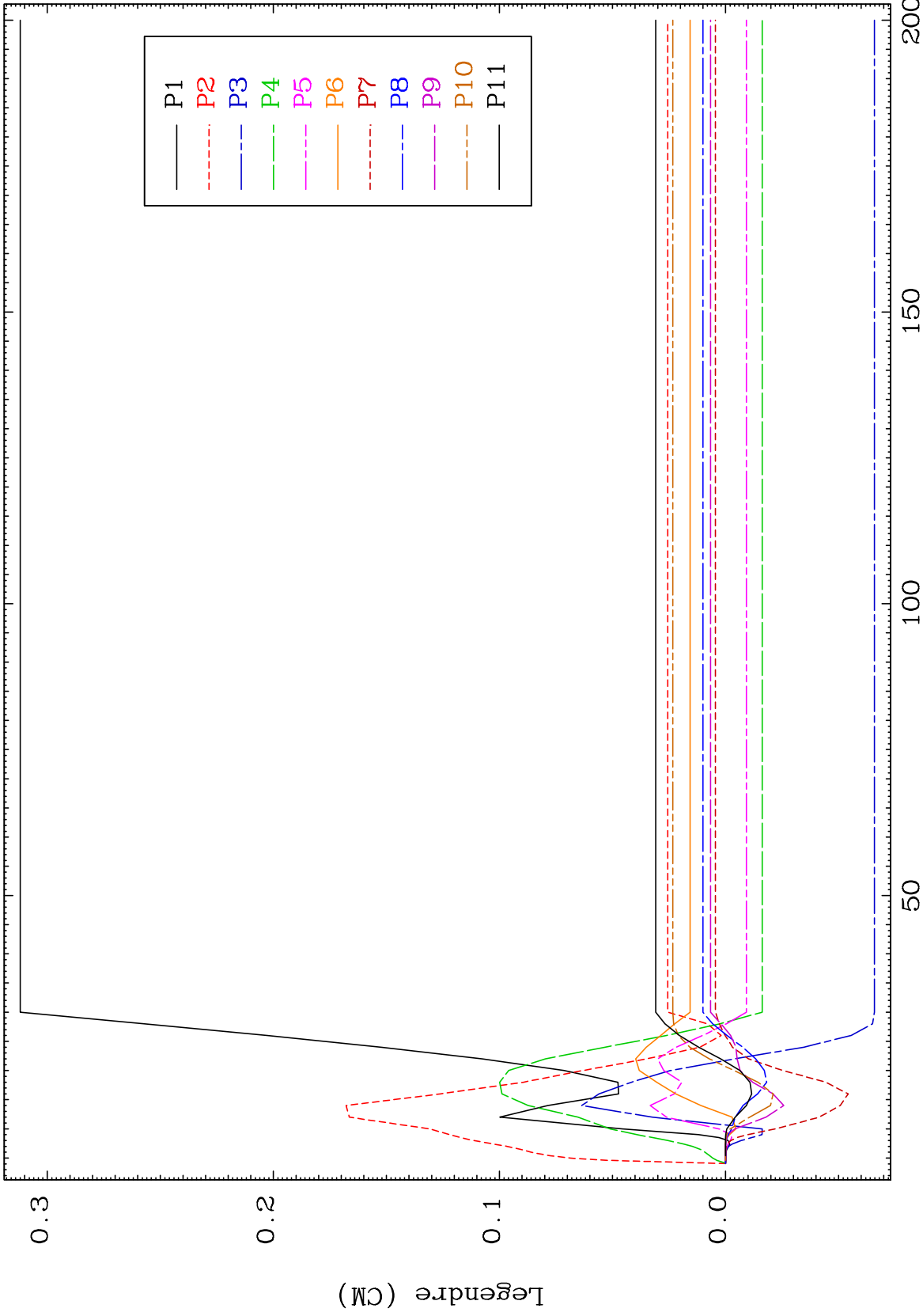
Incident Energy (MeV)

28-Ni-68

MAT 2855

MT= 62 (n,n') Level
Legendre Coefficients

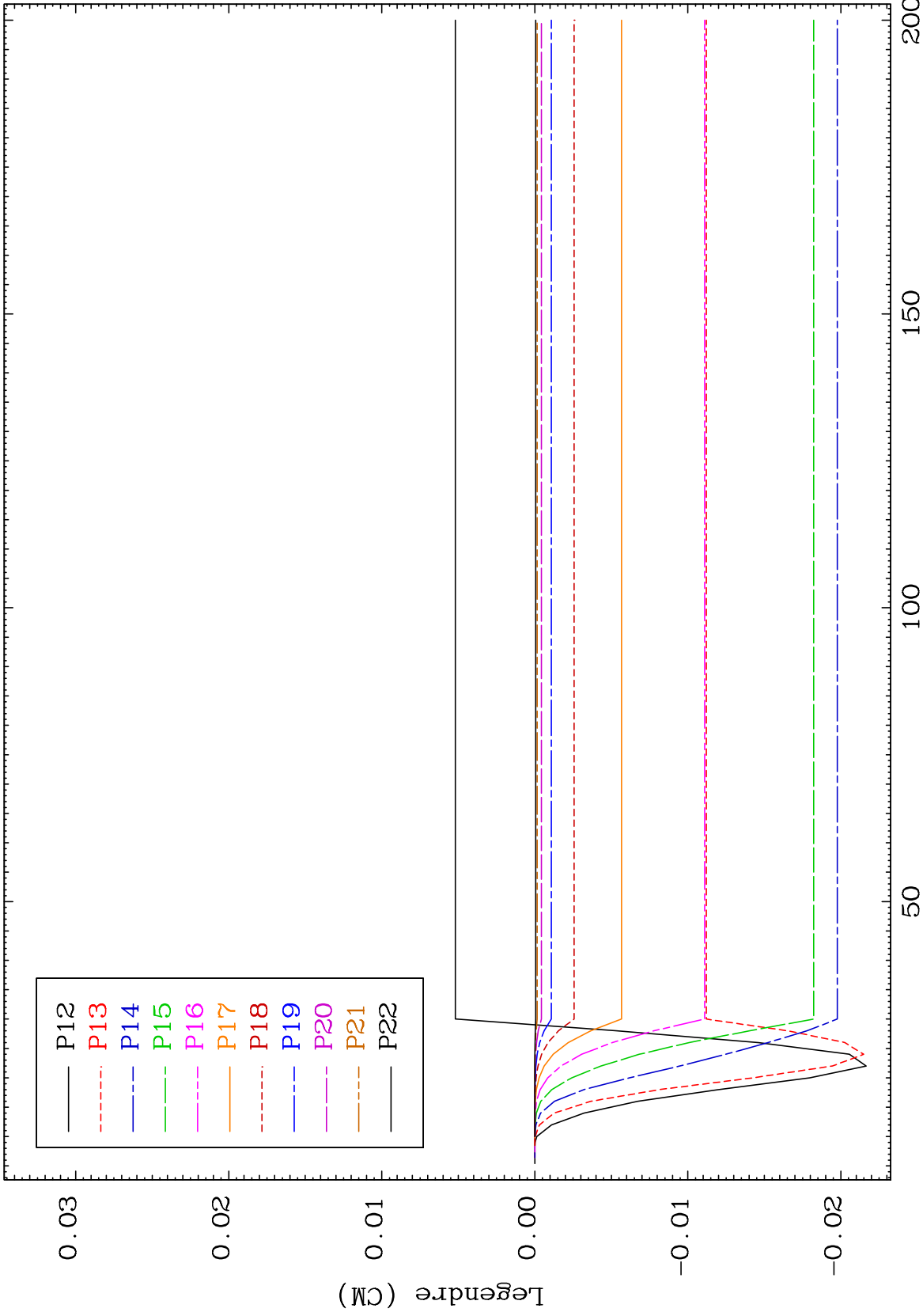
28-Ni-68



52

Incident Energy (MeV)

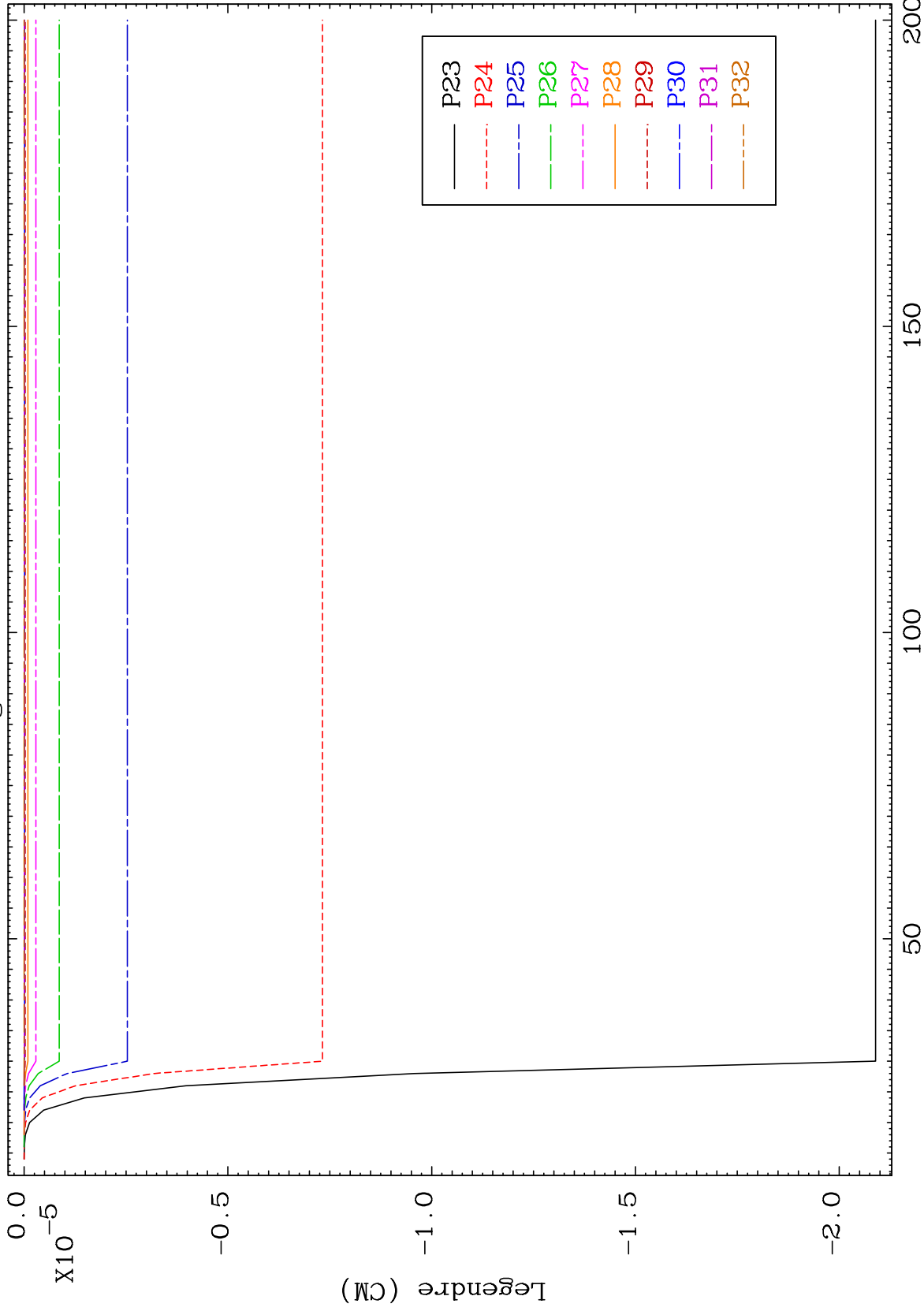
28-Ni-68



MAT 2855

MT= 62 (n,n') Level
Legendre Coefficients

28-Ni-68



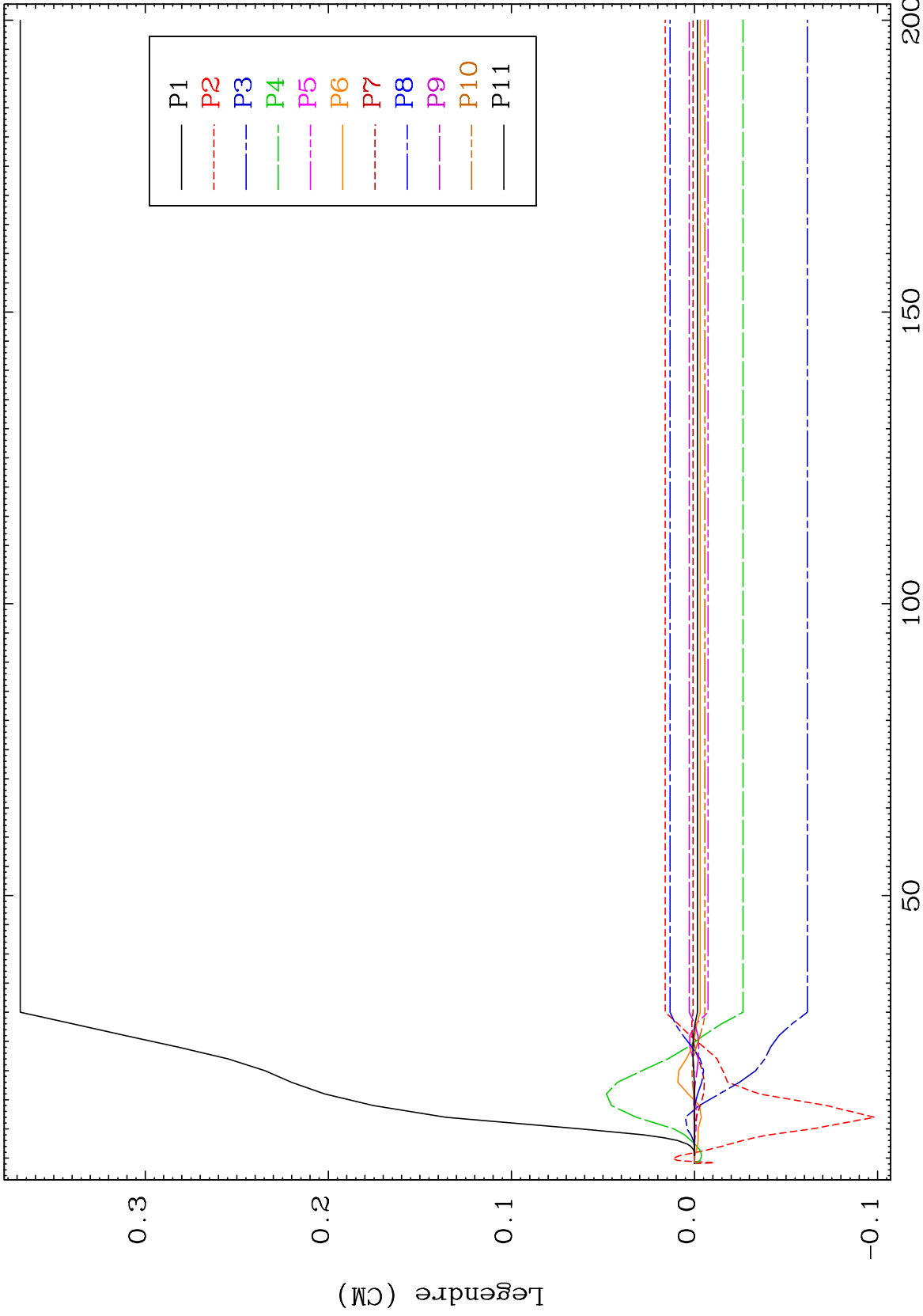
54

28-Ni-68

MAT 2855

MT= 63 (n,n') Level
Legendre Coefficients

28-Ni-68



55

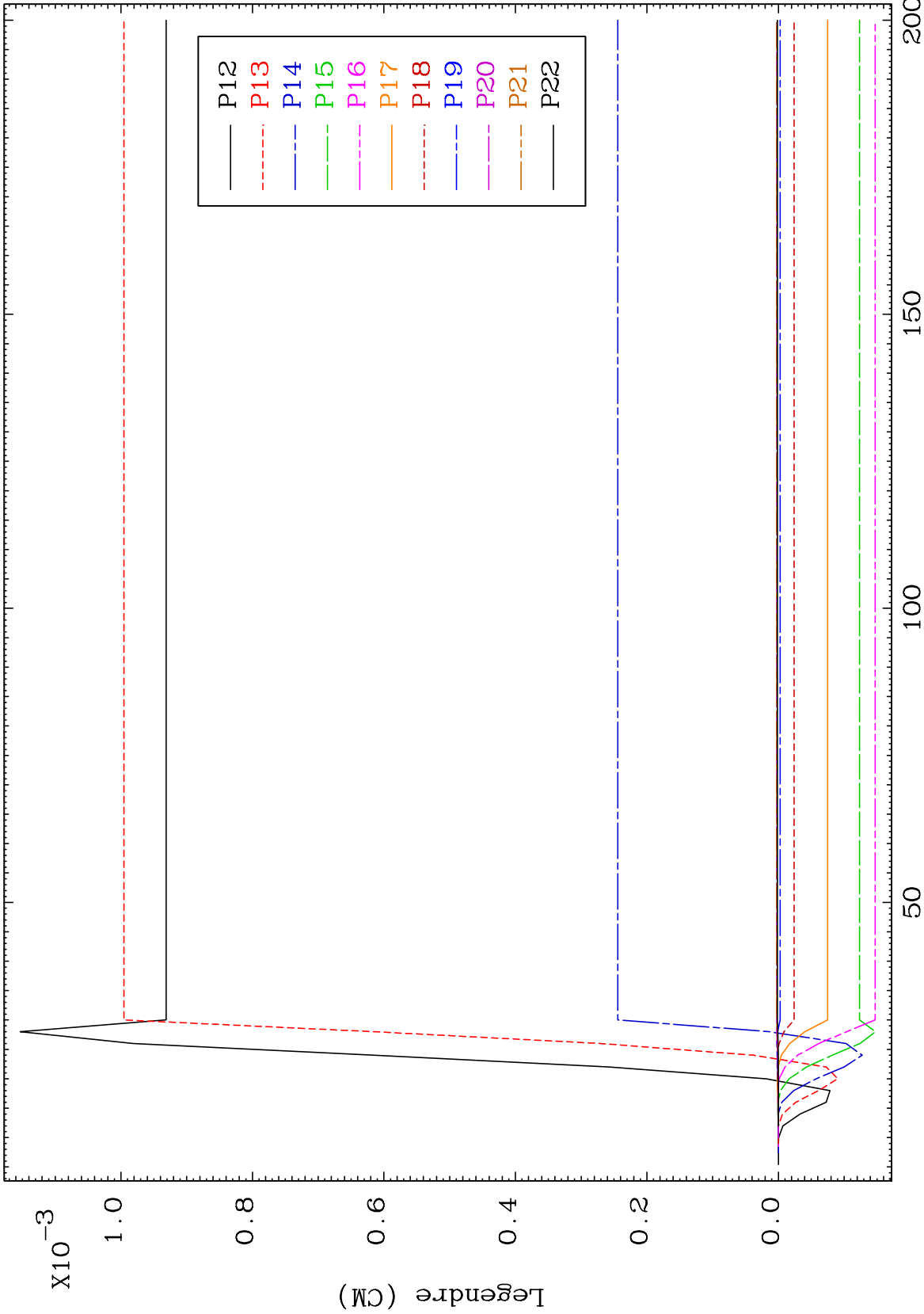
Incident Energy (MeV)

28-Ni-68

MAT 2855

MT= 63 (n,n') Level
Legendre Coefficients

28-Ni-68



56

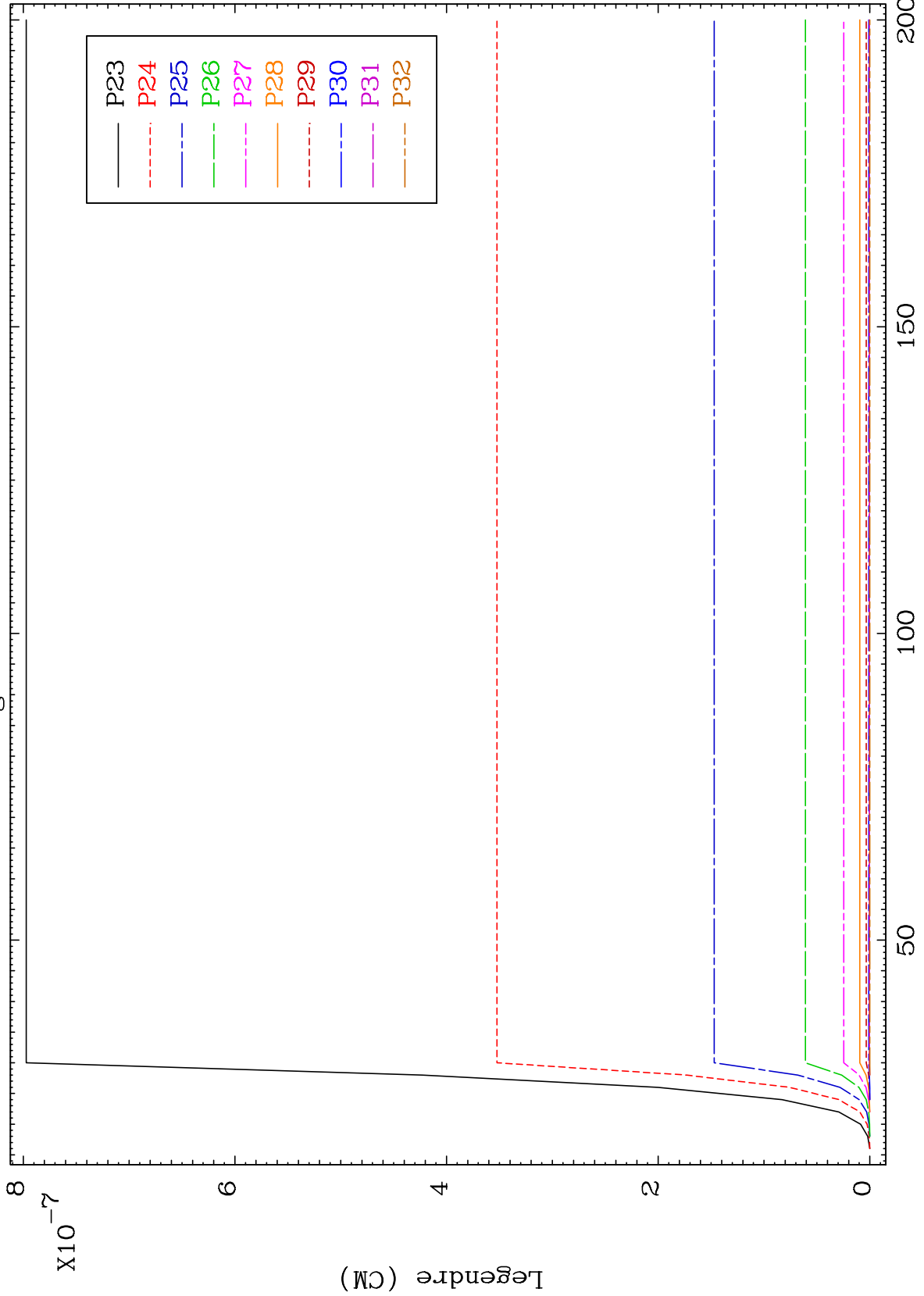
Incident Energy (MeV)

28-Ni-68

MAT 2855

MT= 63 (n,n') Level
Legendre Coefficients

28-Ni-68

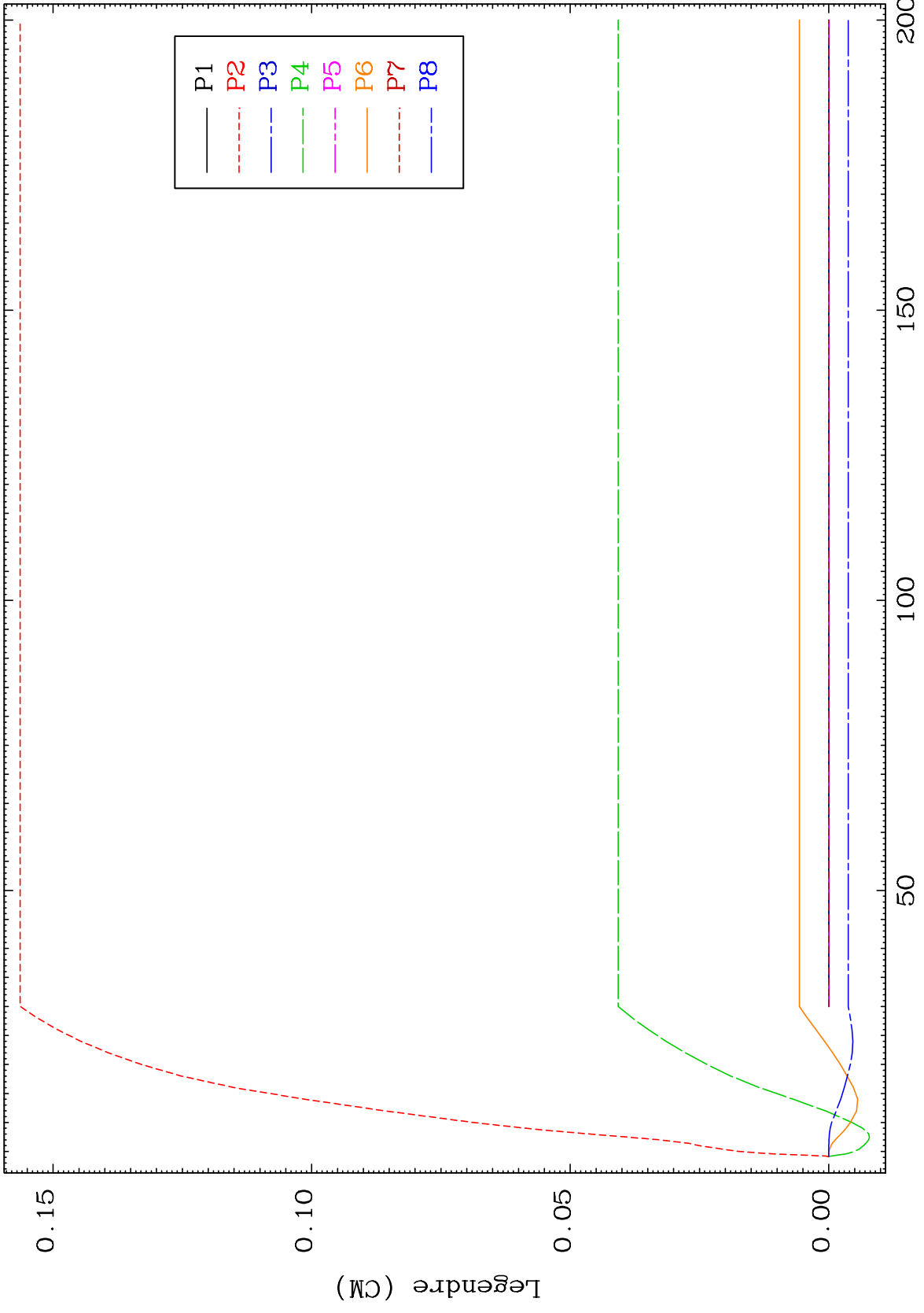


57

Incident Energy (MeV)

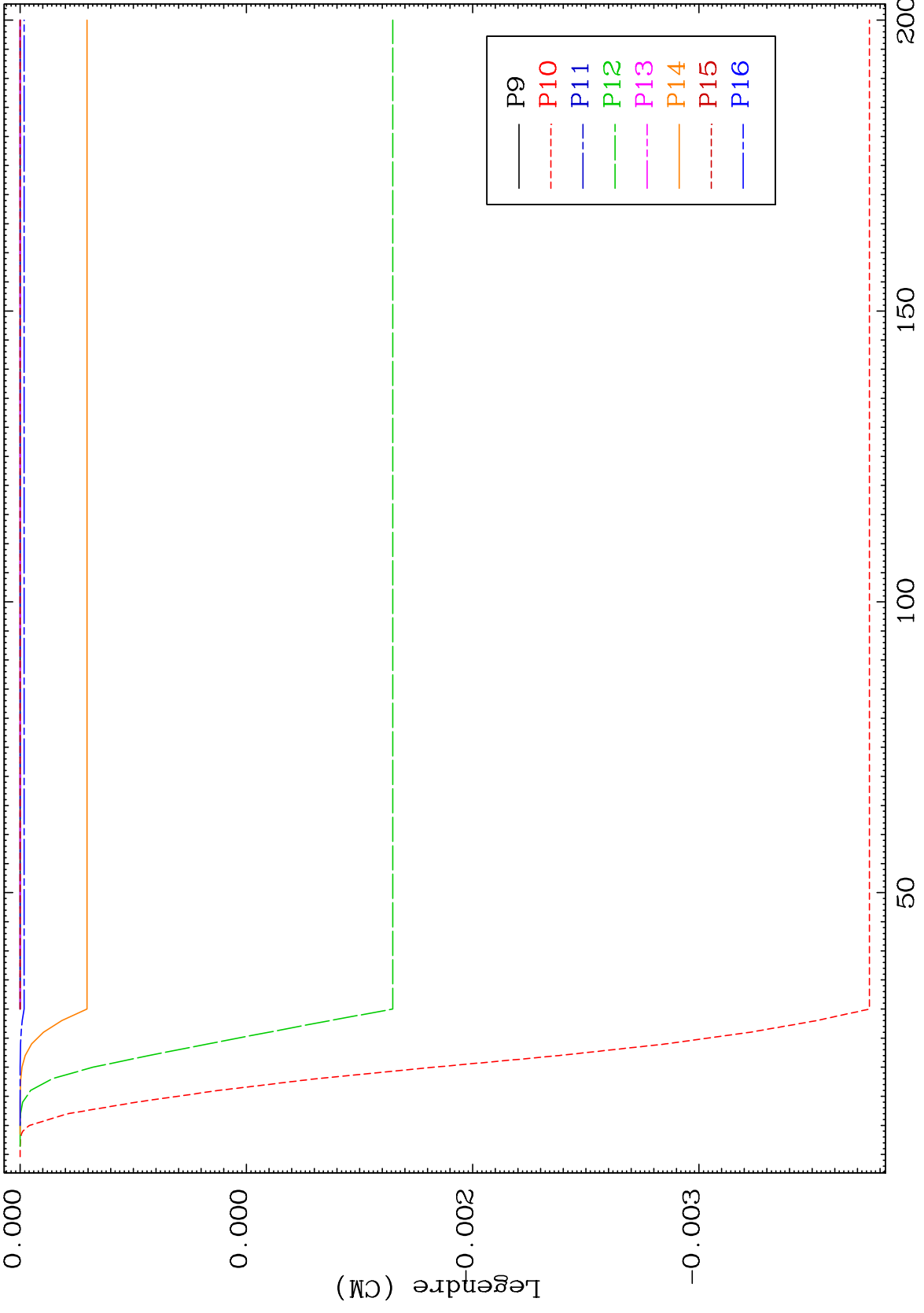
28-Ni-68

MAT 2855 MT= 64 (n,n') Level Legendre Coefficients 28-Ni-68



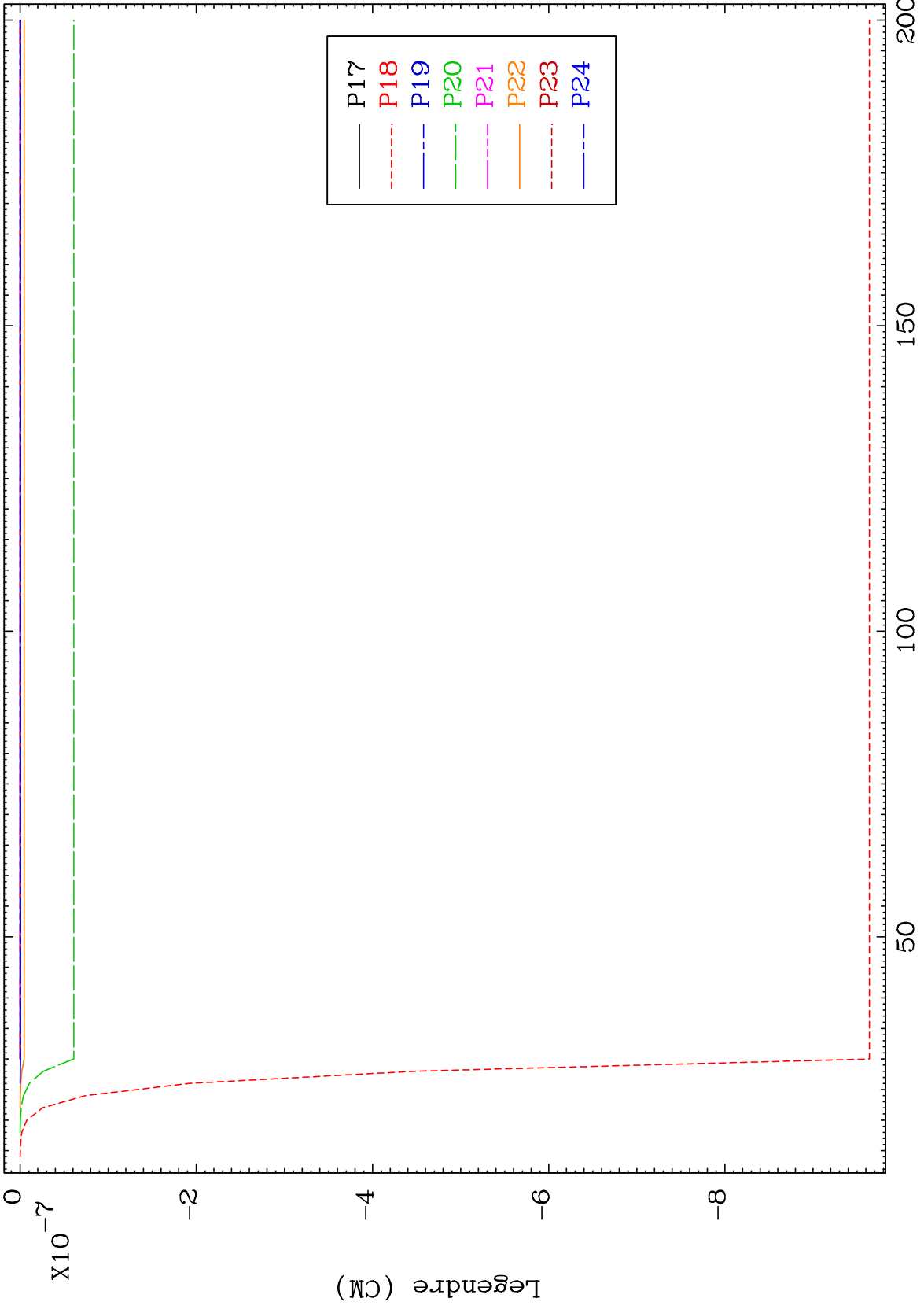
58 Incident Energy (MeV) 200 28-Ni-68

MAT 2855 MT= 64 (n,n') Level Legendre Coefficients 28-Ni-68



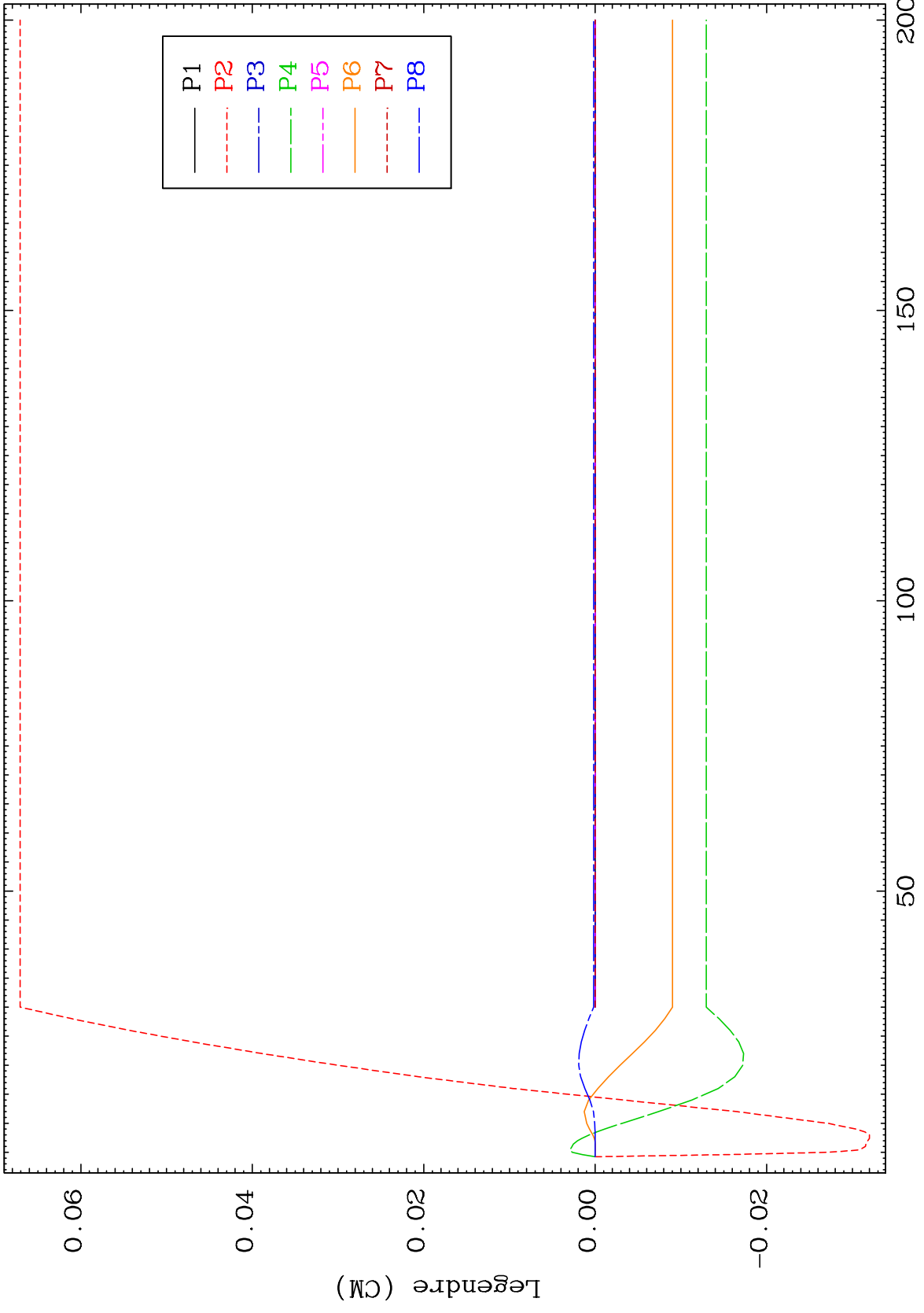
59 28-Ni-68

MAT 2855 MT= 64 (n,n') Level Legendre Coefficients 28-Ni-68



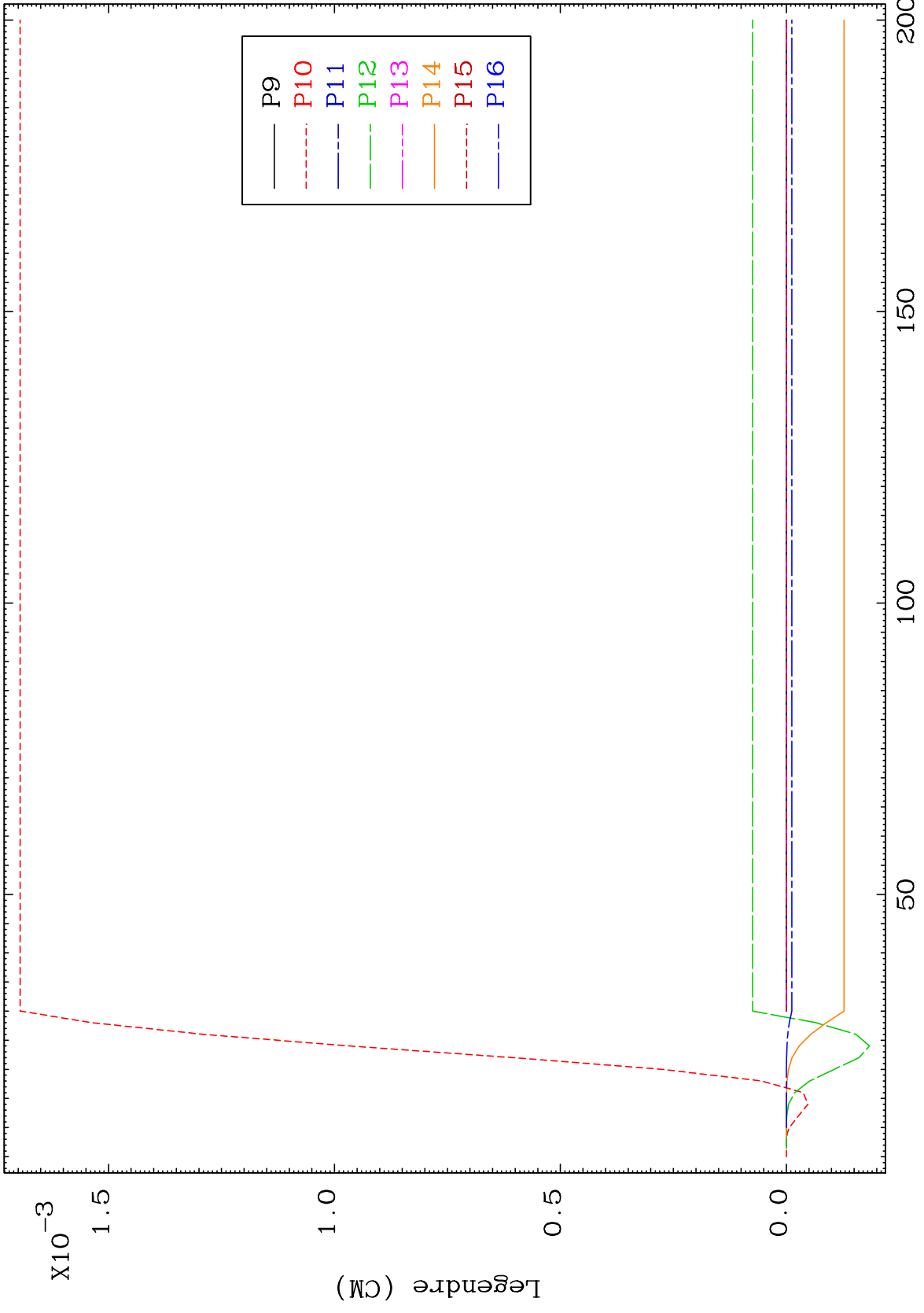
60 50 100 150 200 28-Ni-68

MAT 2855 MT= 65 (n,n') Level Legendre Coefficients 28-Ni-68



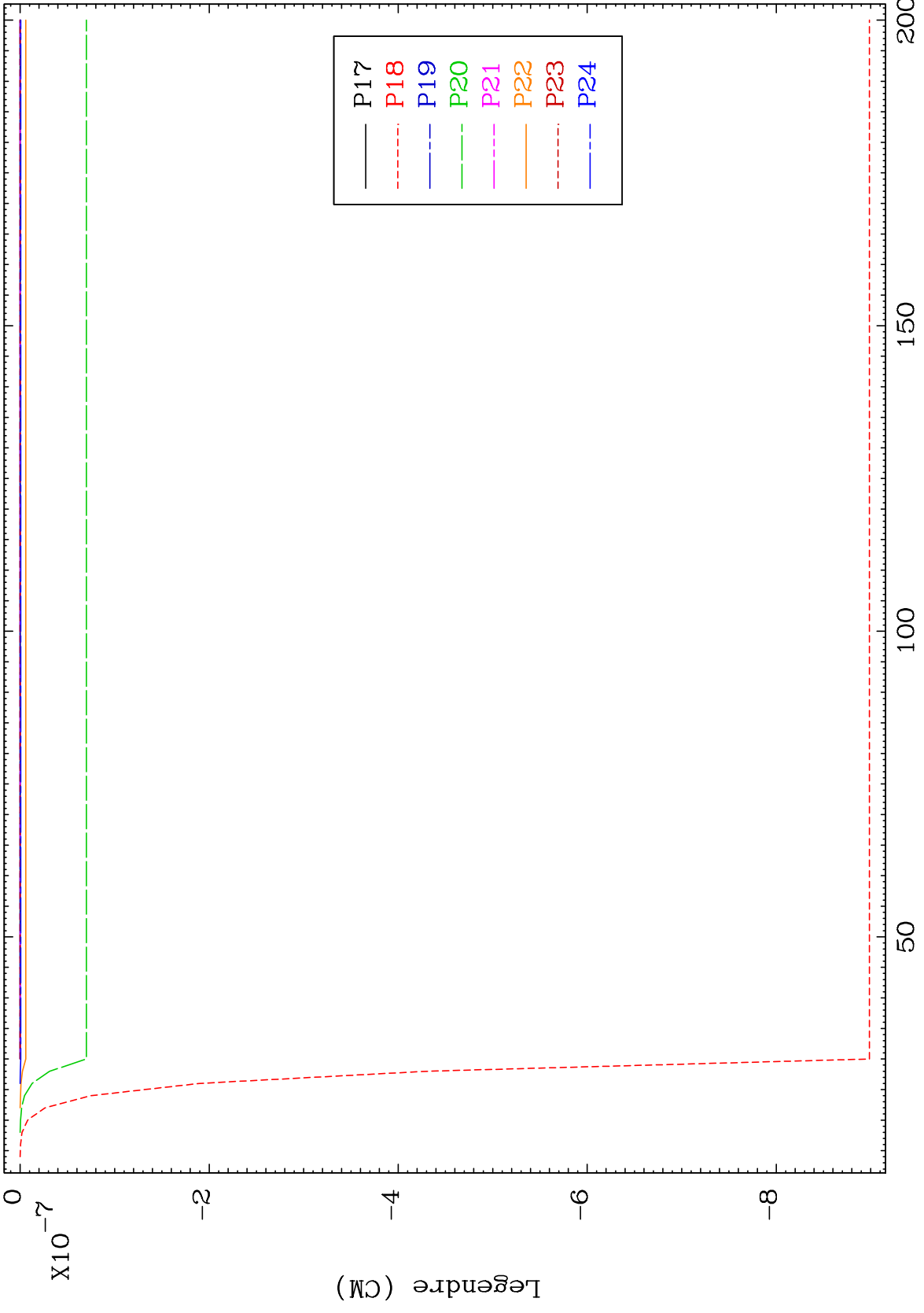
61 28-Ni-68

MAT 2855 MT= 65 (n,n') Level Legendre Coefficients 28-Ni-68



62 28-Ni-68

MAT 2855 MT= 65 (n,n') Level Legendre Coefficients 28-Ni-68

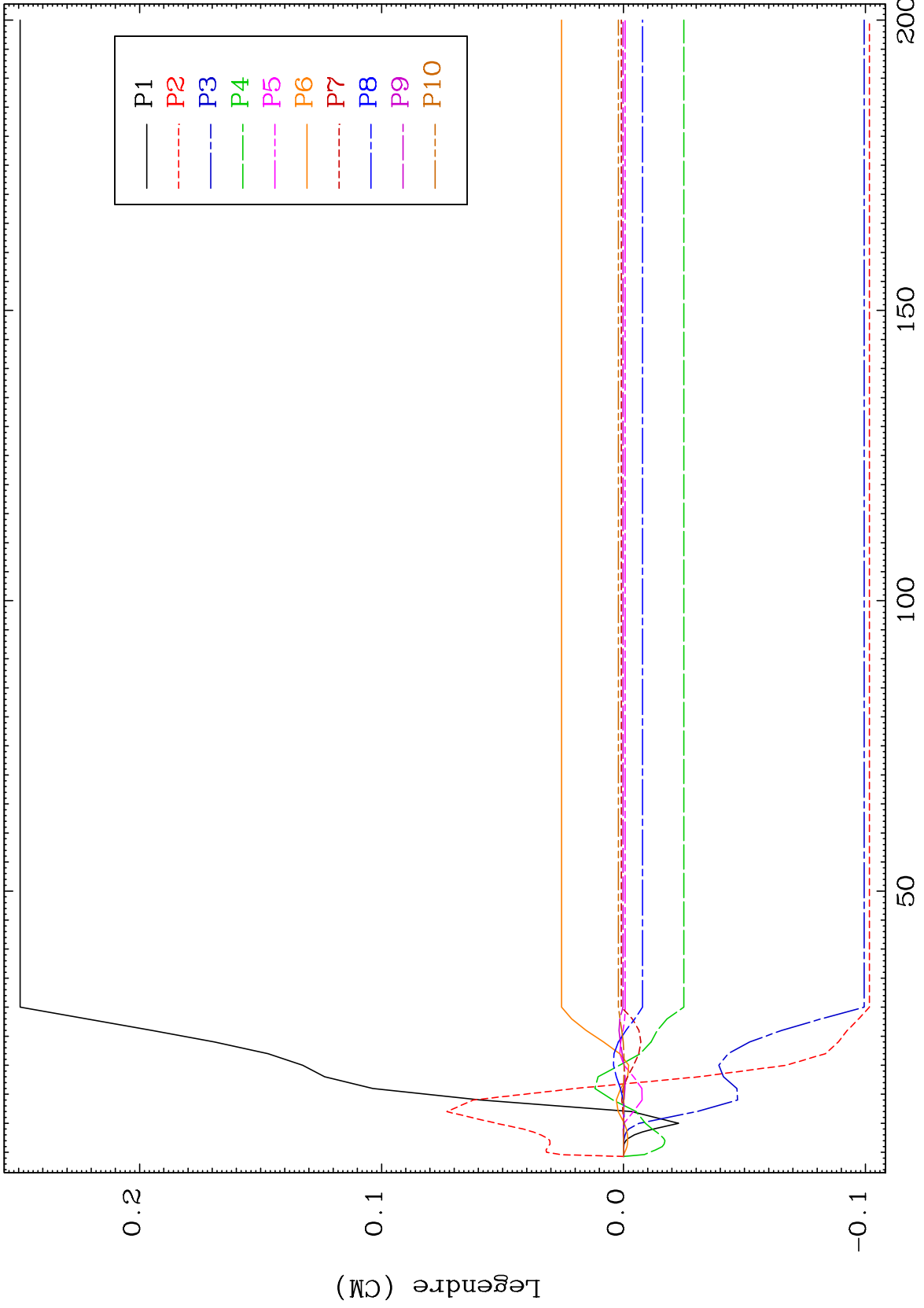


63 28-Ni-68

MAT 2855

MT= 66 (n,n') Level
Legendre Coefficients

28-Ni-68



64

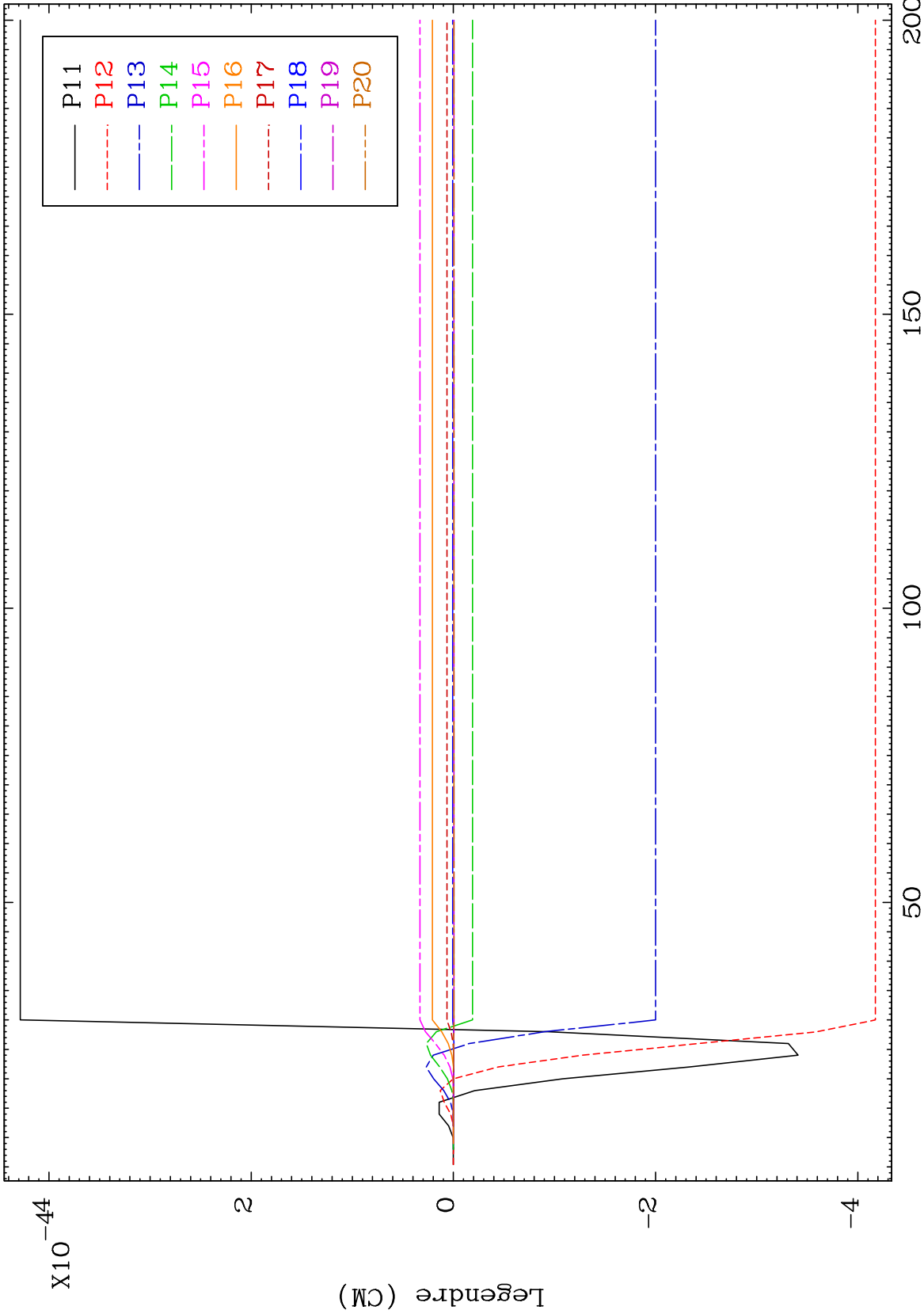
Incident Energy (MeV)

28-Ni-68

MAT 2855

MT= 66 (n,n') Level
Legendre Coefficients

28-Ni-68



65

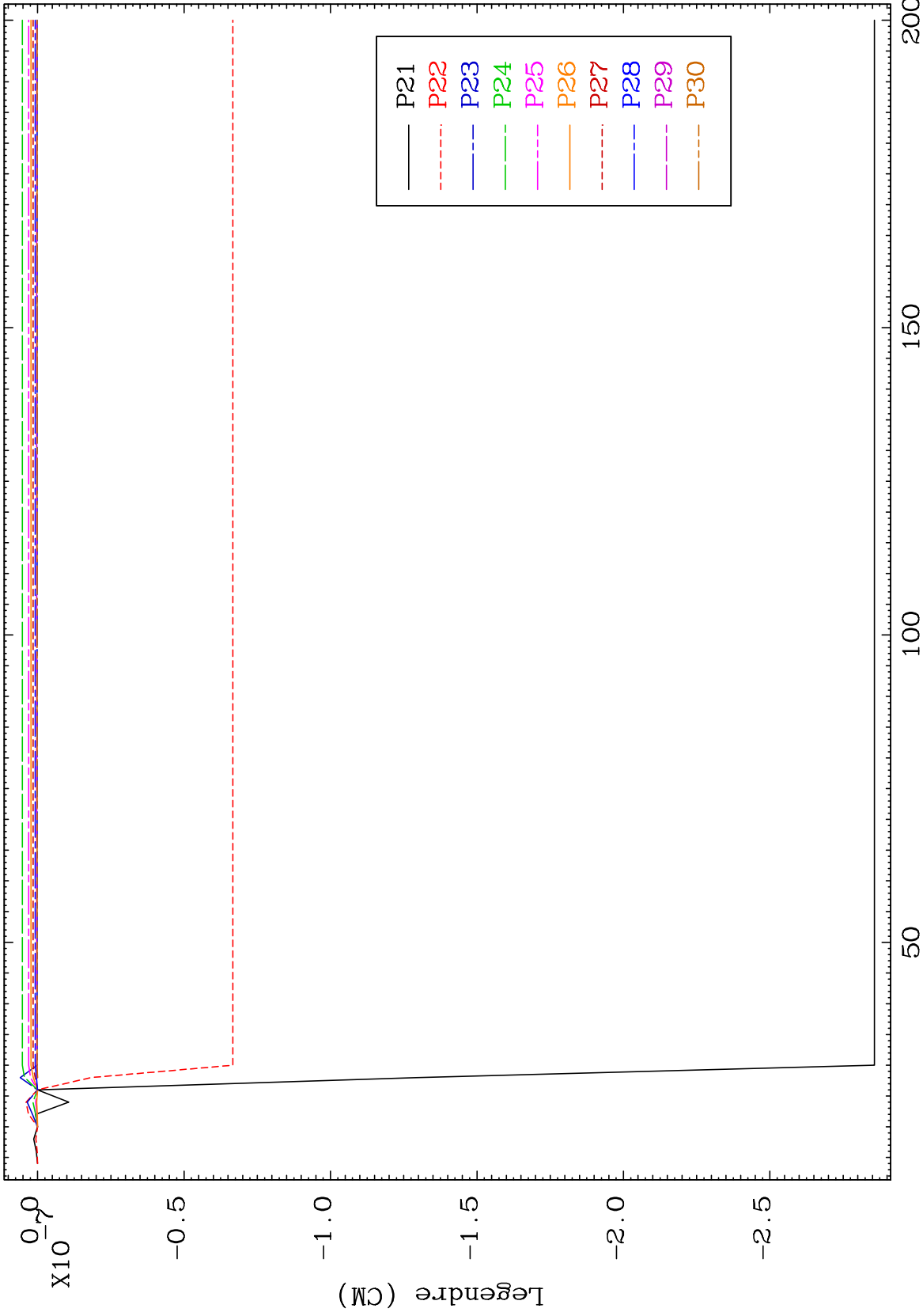
Incident Energy (MeV)

28-Ni-68

MAT 2855

MT= 66 (n,n') Level
Legendre Coefficients

28-Ni-68



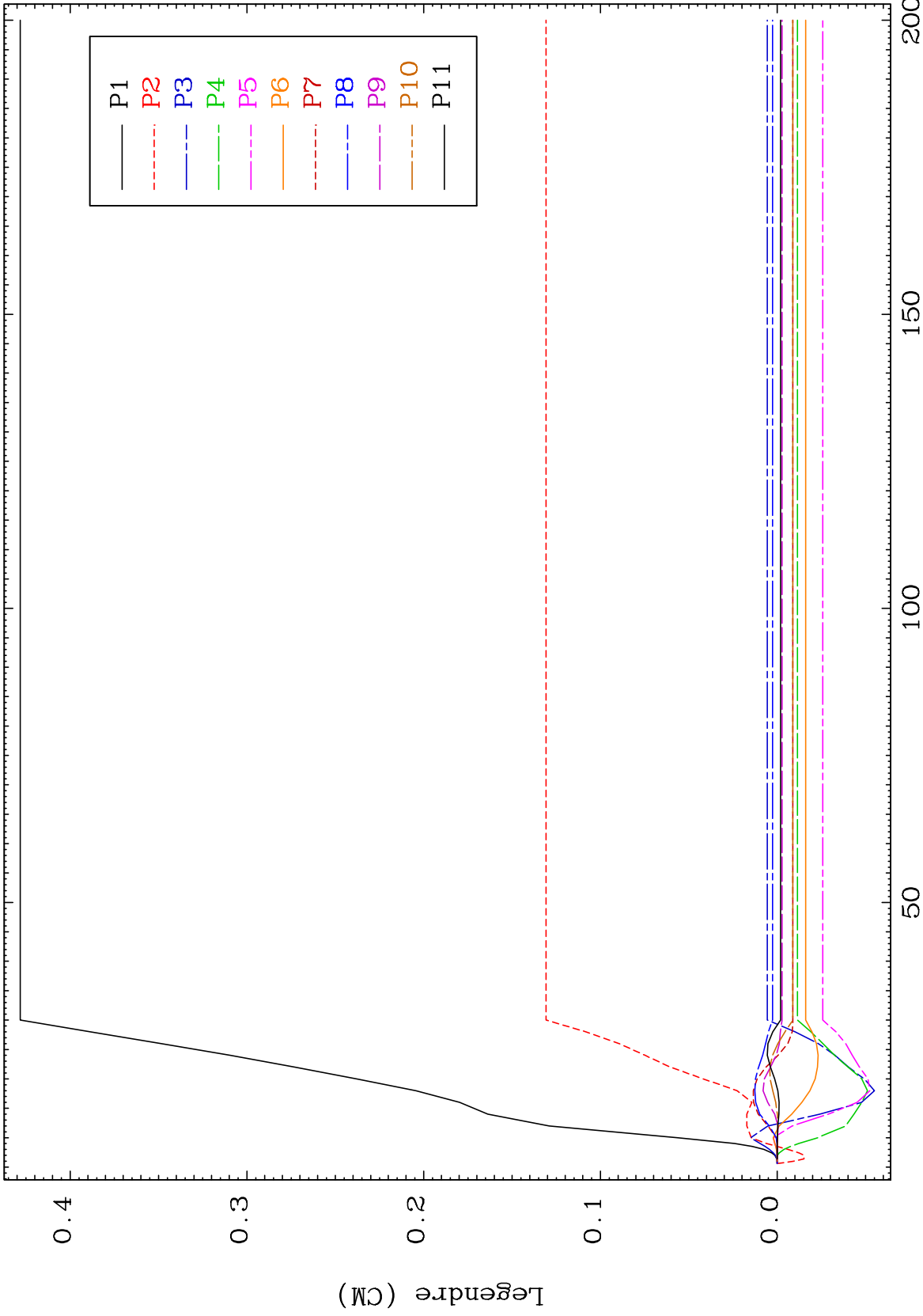
28-Ni-68

66

MAT 2855

MT= 67 (n,n') Level
Legendre Coefficients

28-Ni-68



67

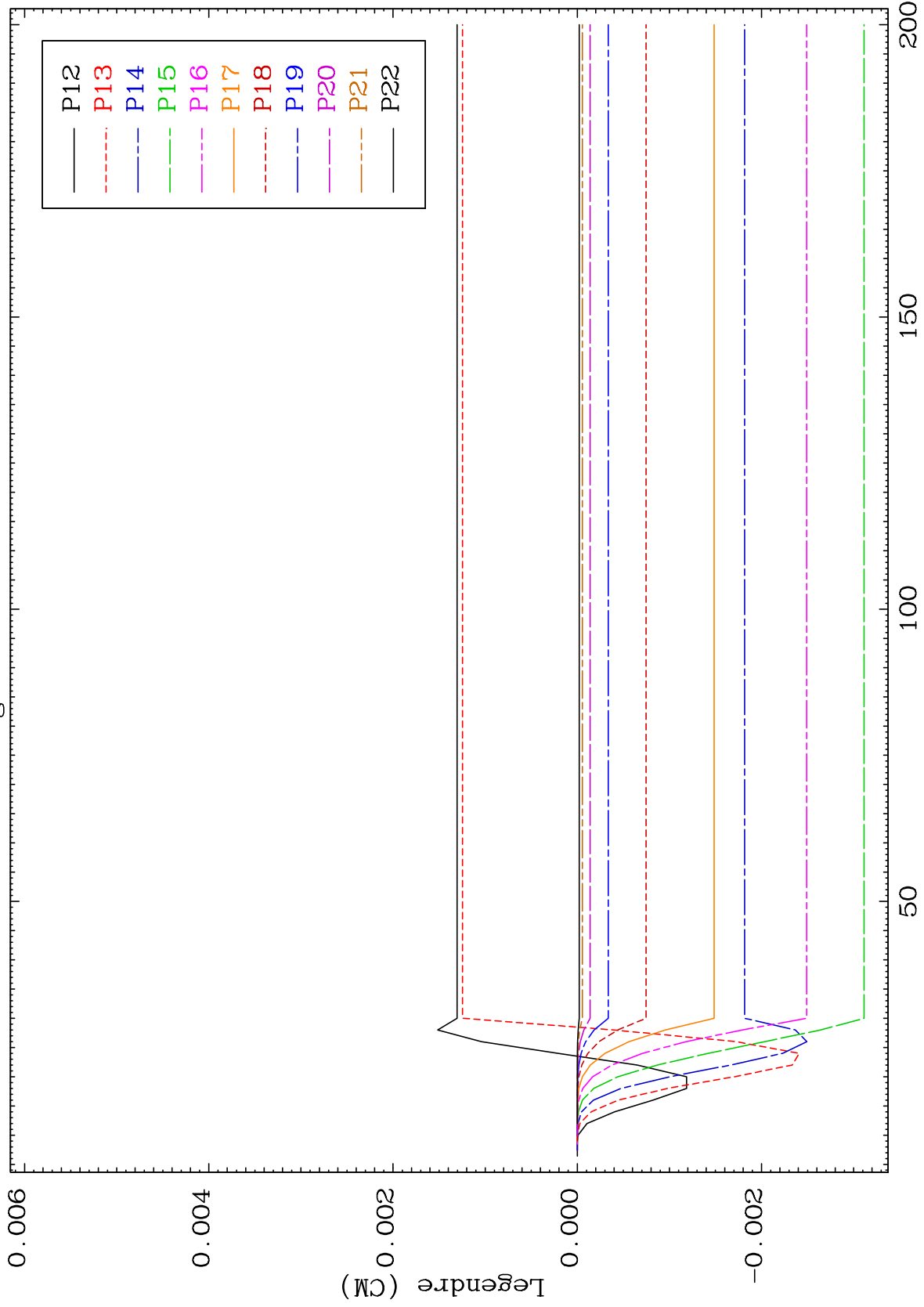
Incident Energy (MeV)

28-Ni-68

MAT 2855

MT= 67 (n,n') Level
Legendre Coefficients

28-Ni-68



68

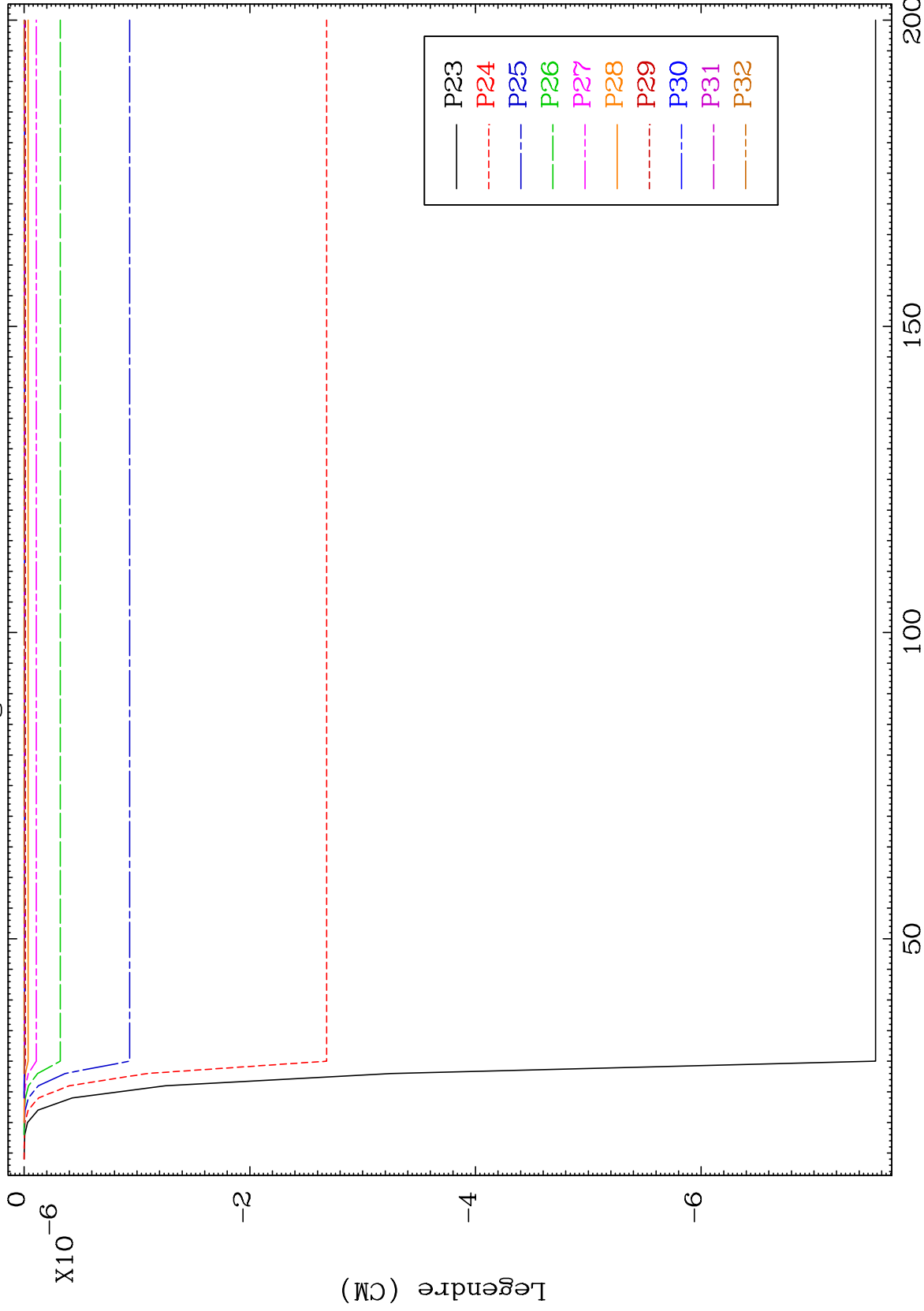
Incident Energy (MeV)

28-Ni-68

MAT 2855

MT= 67 (n,n') Level
Legendre Coefficients

28-Ni-68

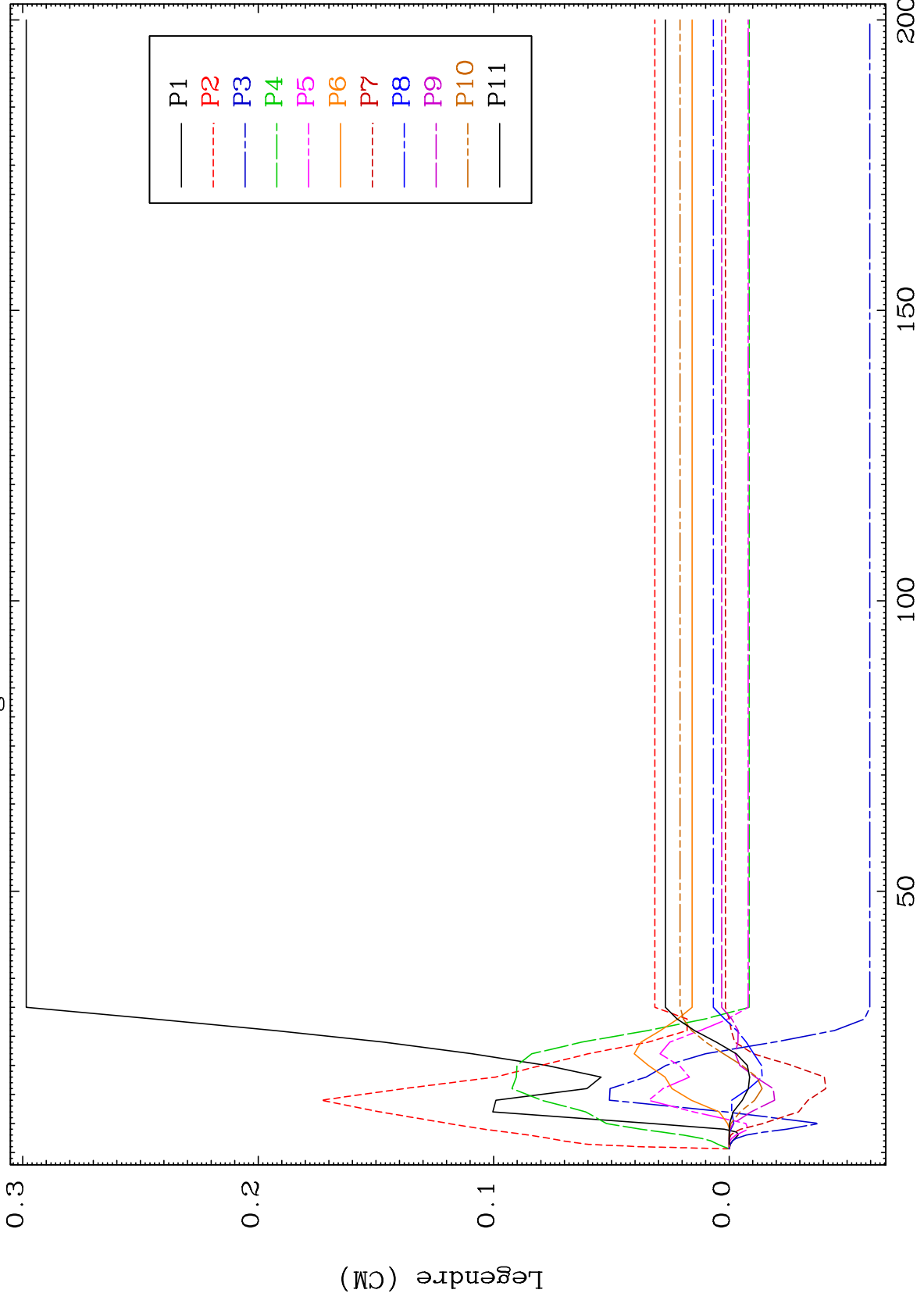


69

Incident Energy (MeV)

28-Ni-68

MAT 2855 MT= 68 (n,n') Level Legendre Coefficients 28-Ni-68

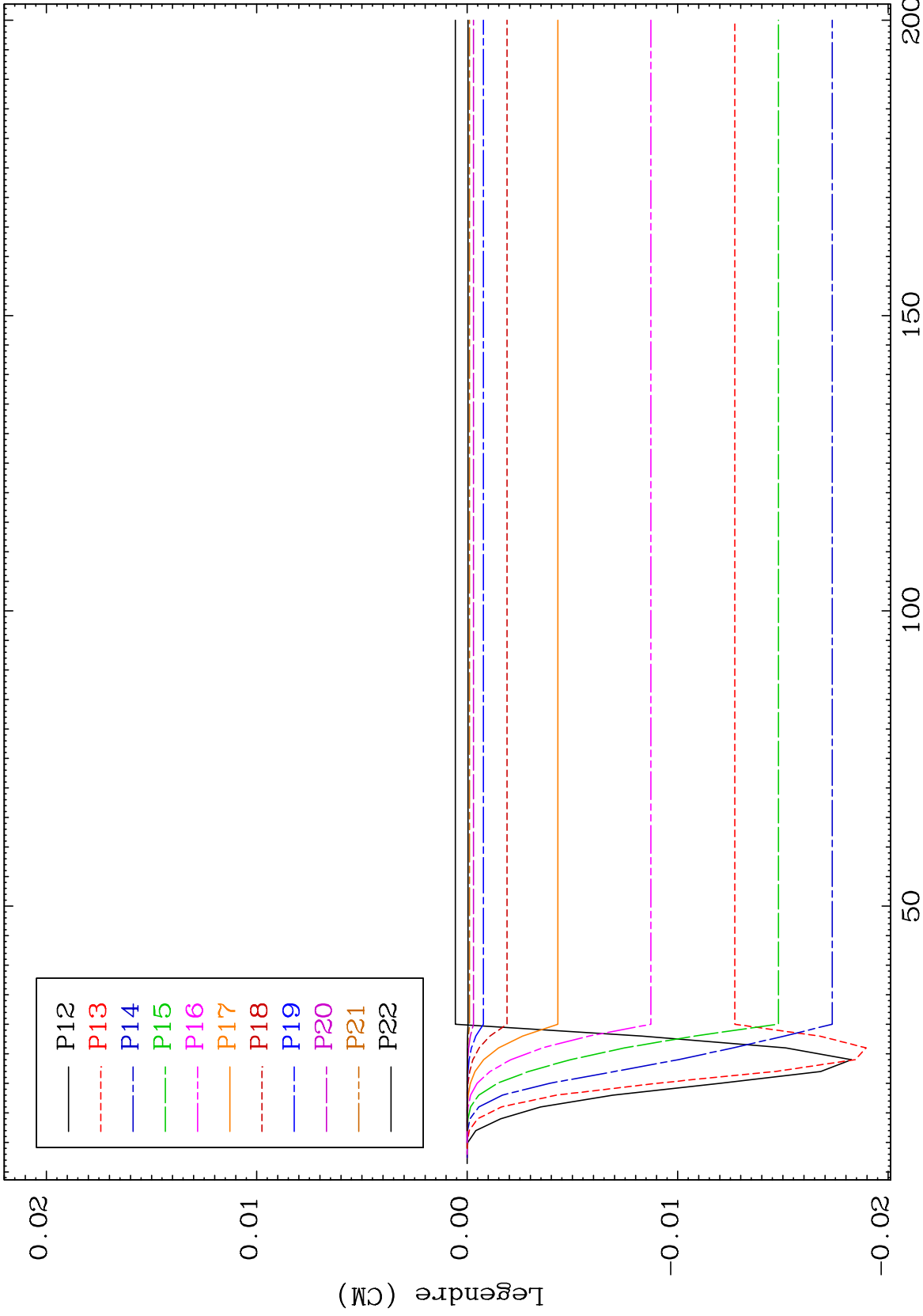


70 Incident Energy (MeV) 28-Ni-68

MAT 2855

MT= 68 (n,n') Level
Legendre Coefficients

28-Ni-68



71

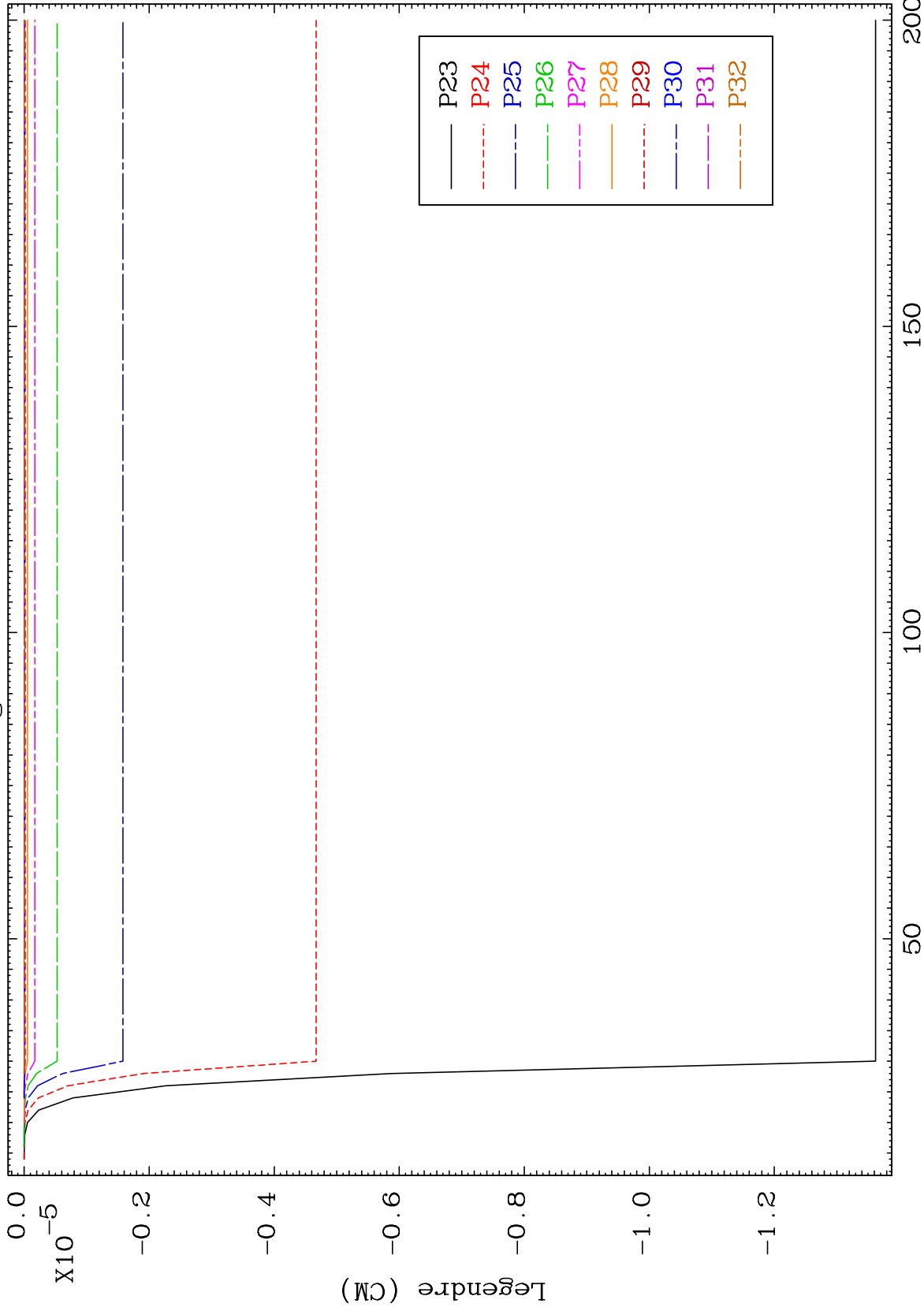
Incident Energy (MeV)

28-Ni-68

MAT 2855

MT= 68 (n,n') Level
Legendre Coefficients

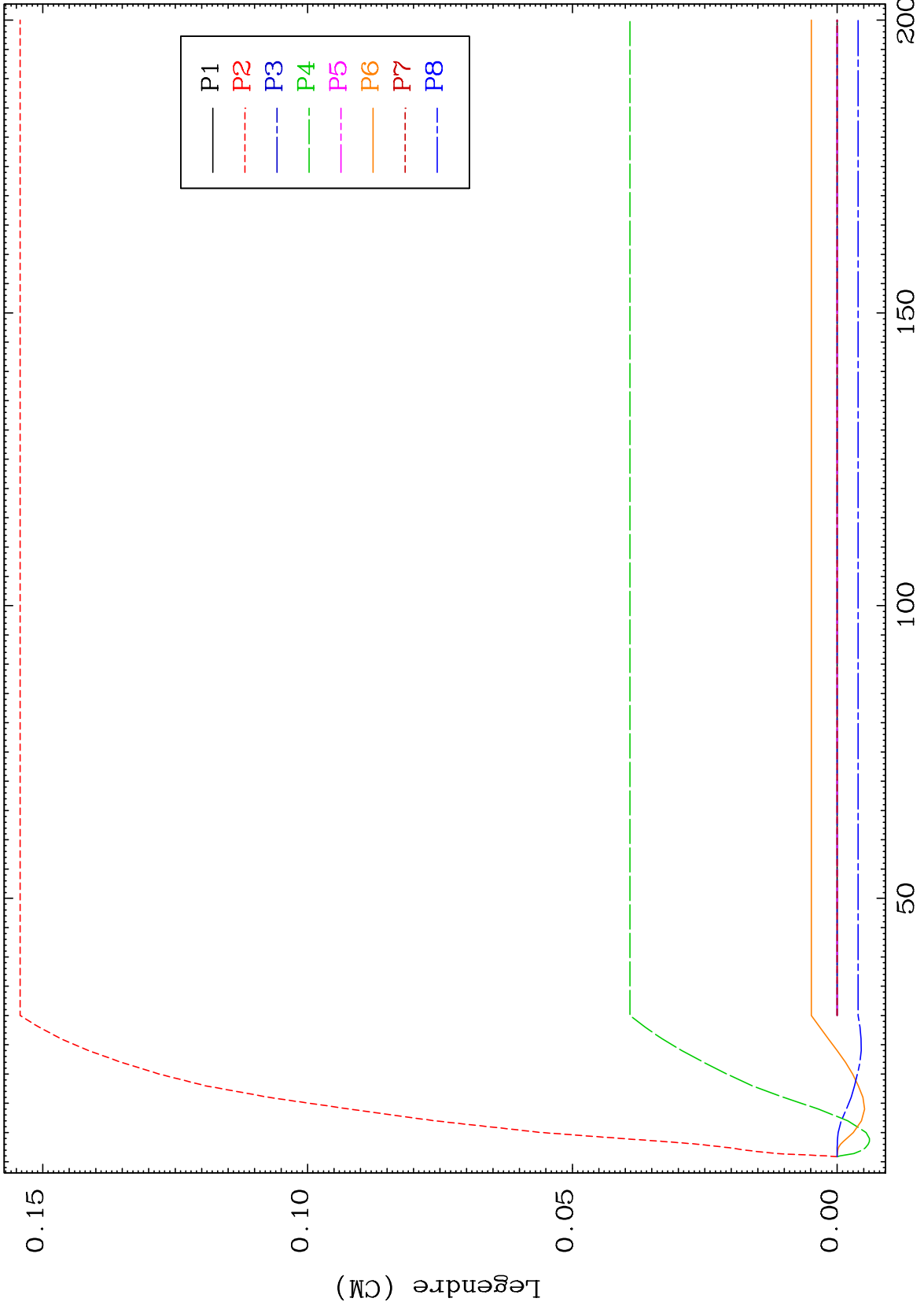
28-Ni-68



72

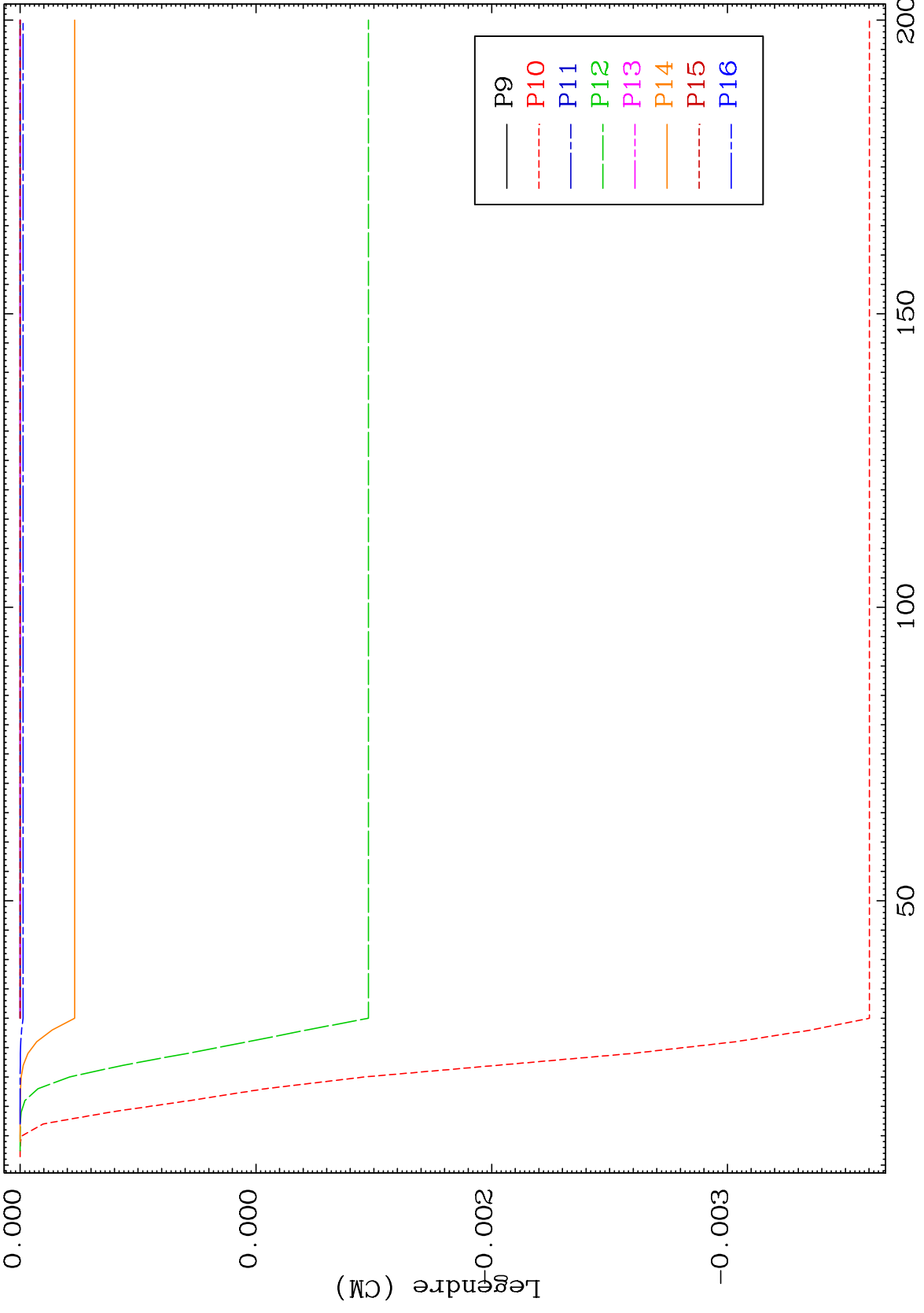
28-Ni-68

MAT 2855 MT= 69 (n,n') Level Legendre Coefficients 28-Ni-68



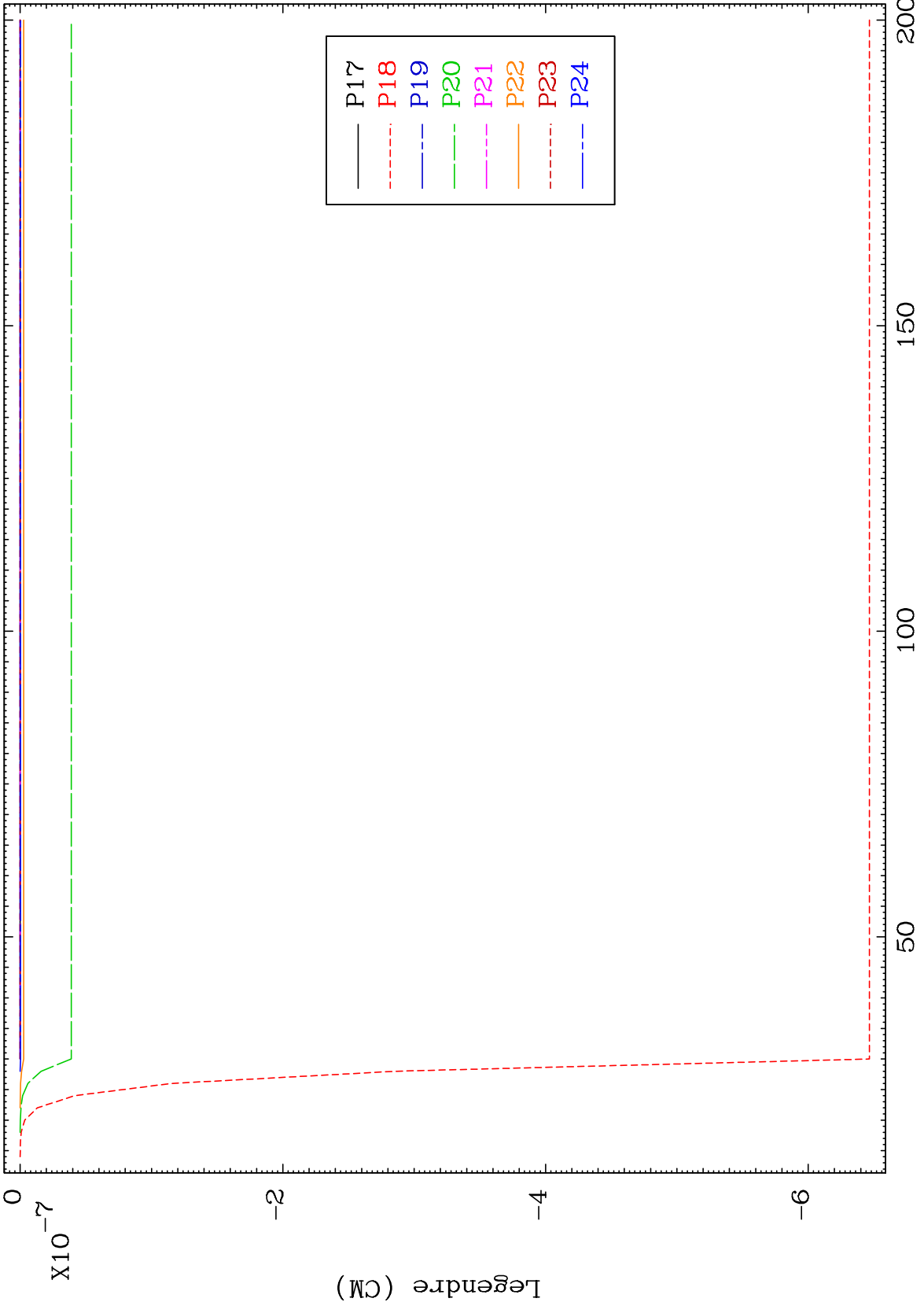
73 28-Ni-68

MAT 2855 MT= 69 (n,n') Level Legendre Coefficients 28-Ni-68



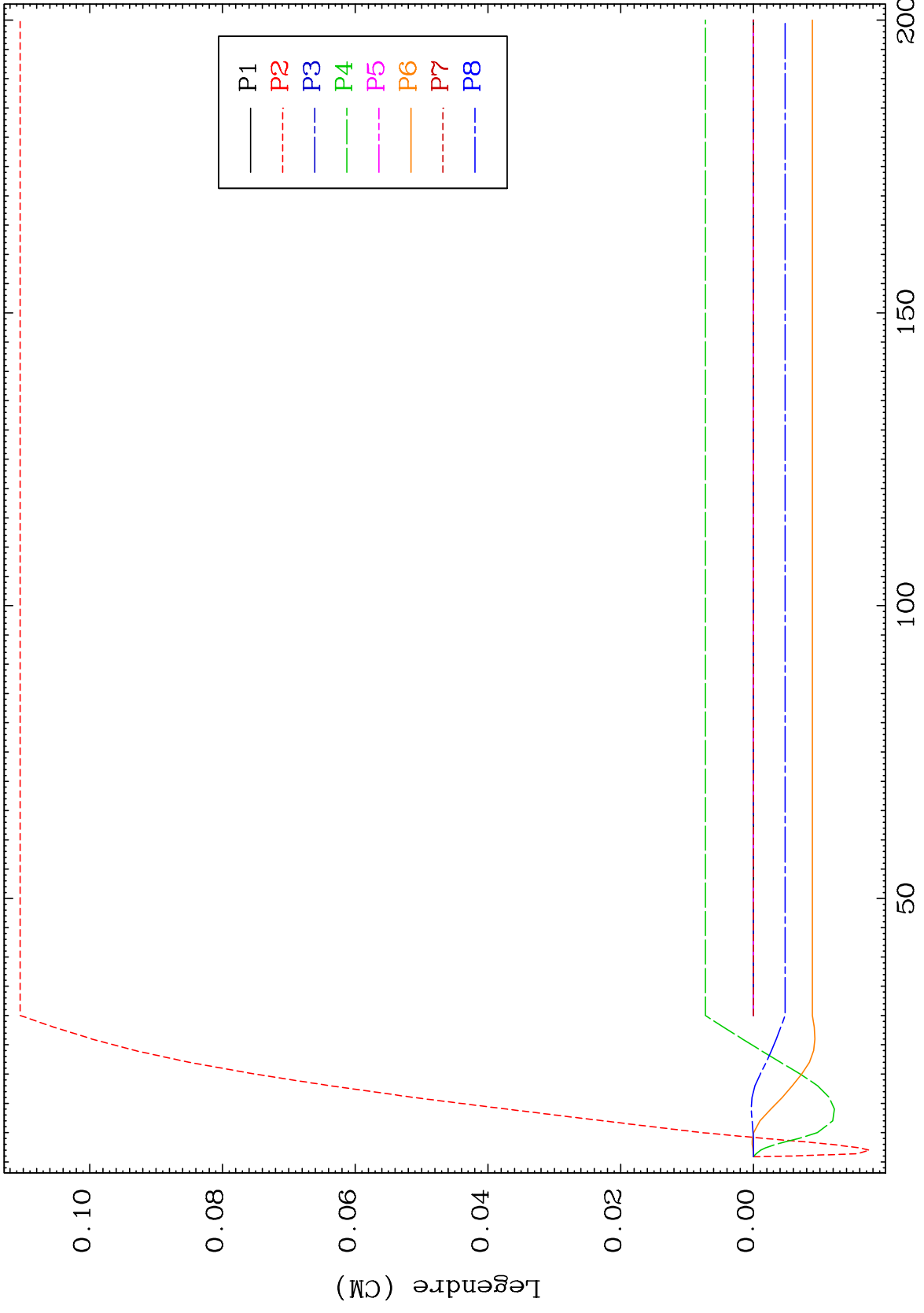
74 28-Ni-68

MAT 2855 MT= 69 (n,n') Level Legendre Coefficients 28-Ni-68



75 Incident Energy (MeV) 28-Ni-68

MAT 2855 MT= 70 (n,n') Level Legendre Coefficients 28-Ni-68

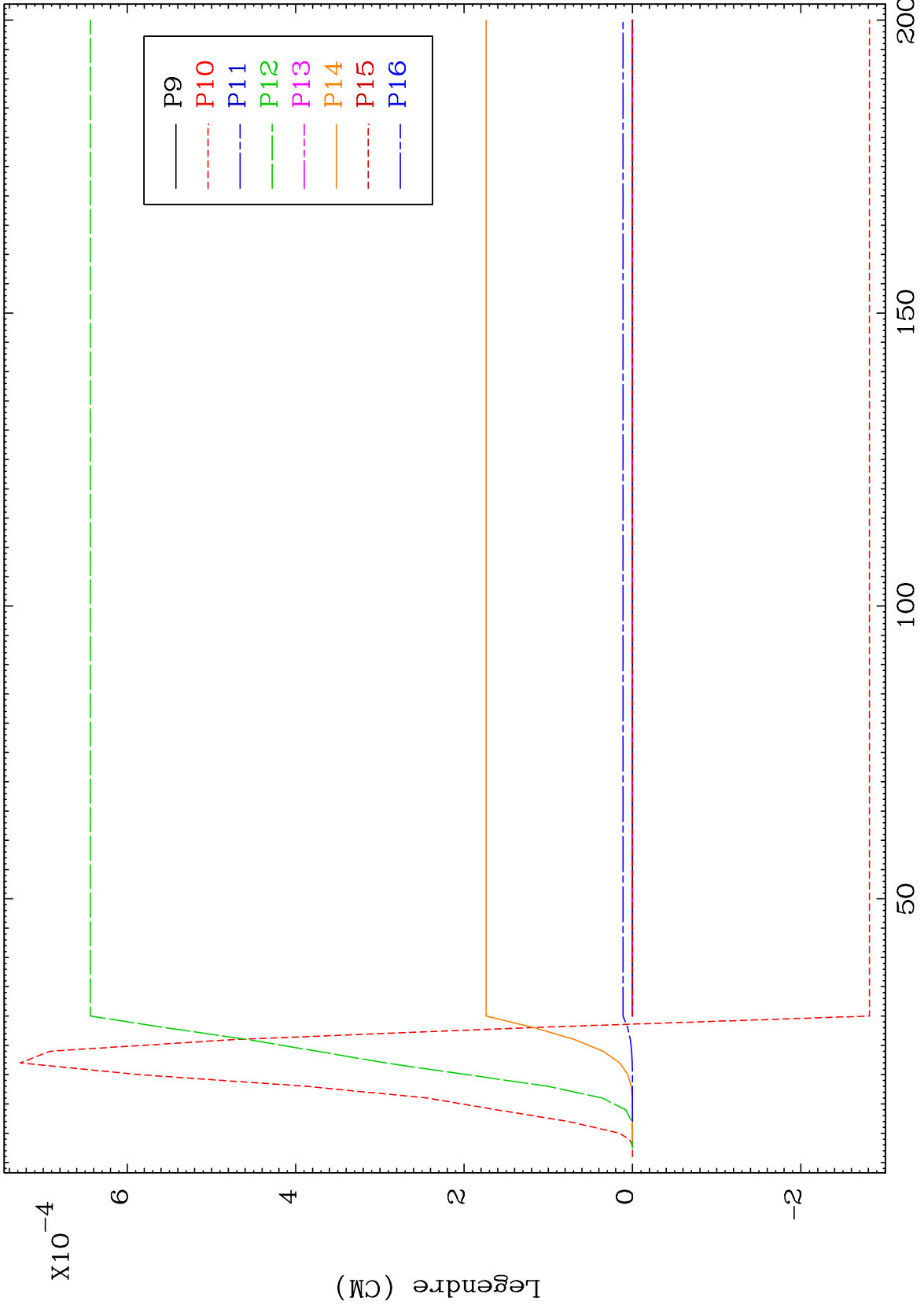


76 Incident Energy (MeV) 28-Ni-68

MAT 2855

MT= 70 (n,n') Level
Legendre Coefficients

28-Ni-68



77

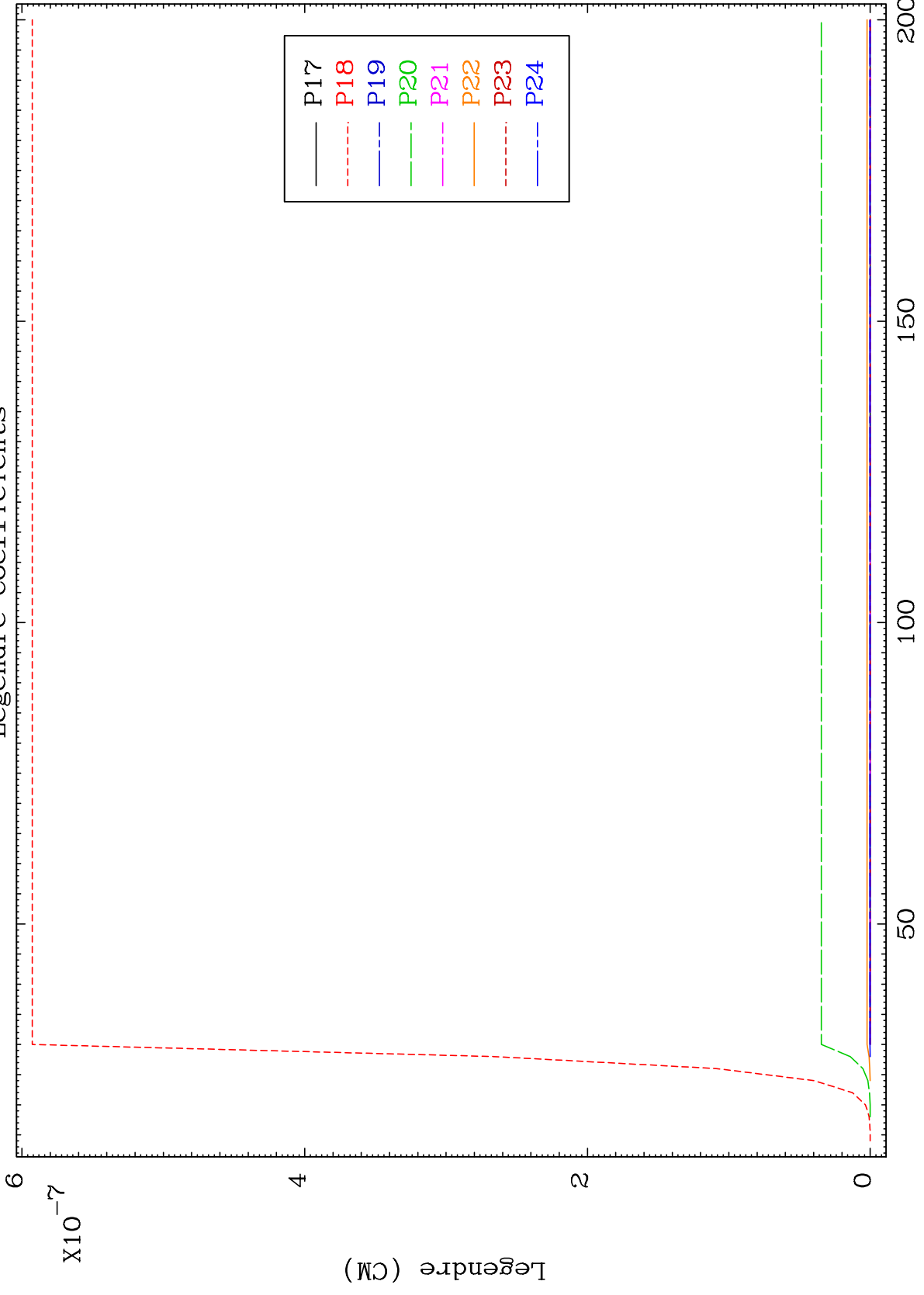
Incident Energy (MeV)

28-Ni-68

MAT 2855

MT= 70 (n,n') Level
Legendre Coefficients

28-Ni-68



28-Ni-68

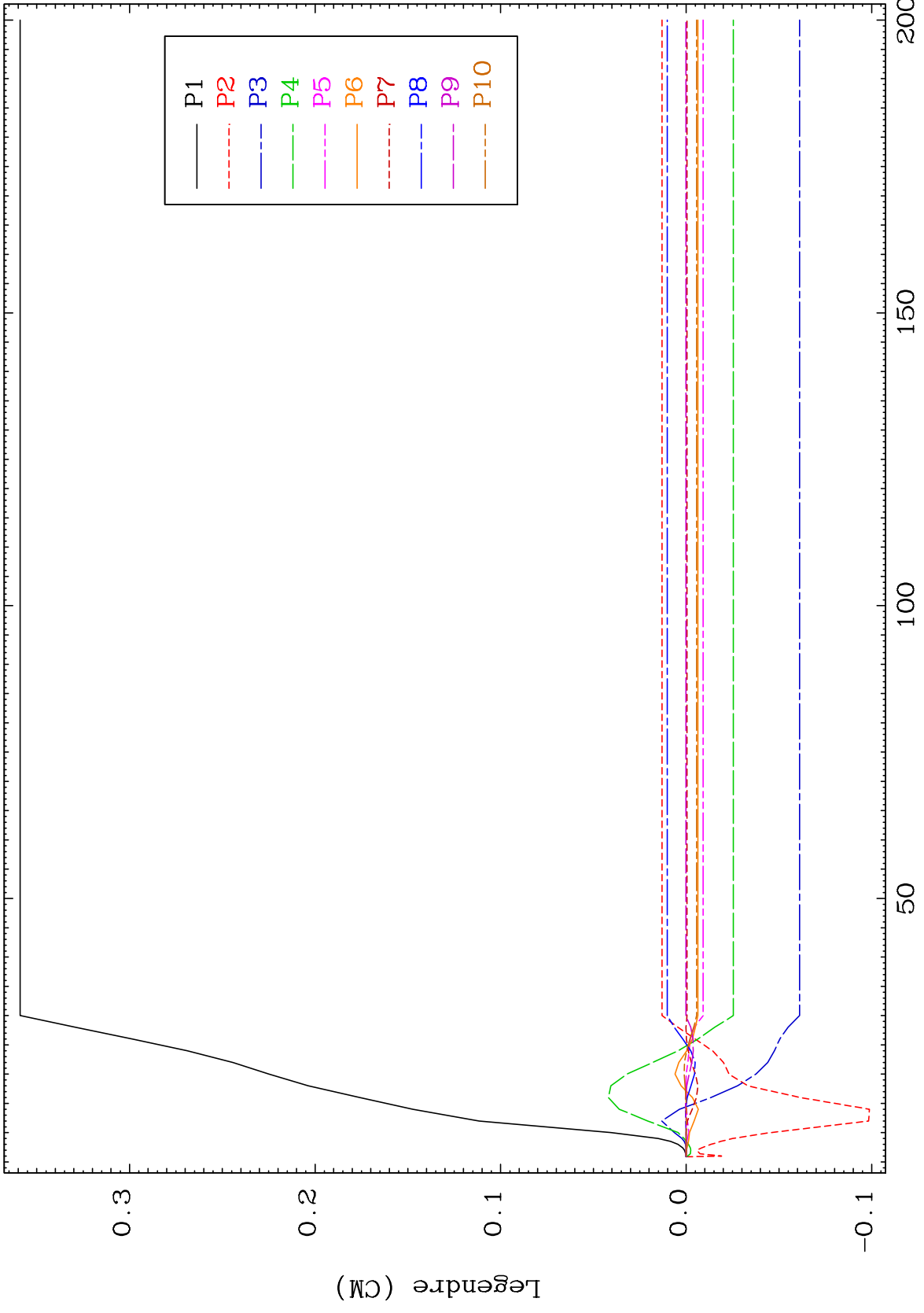
Incident Energy (MeV)

78

MAT 2855

MT= 71 (n,n') Level
Legendre Coefficients

28-Ni-68

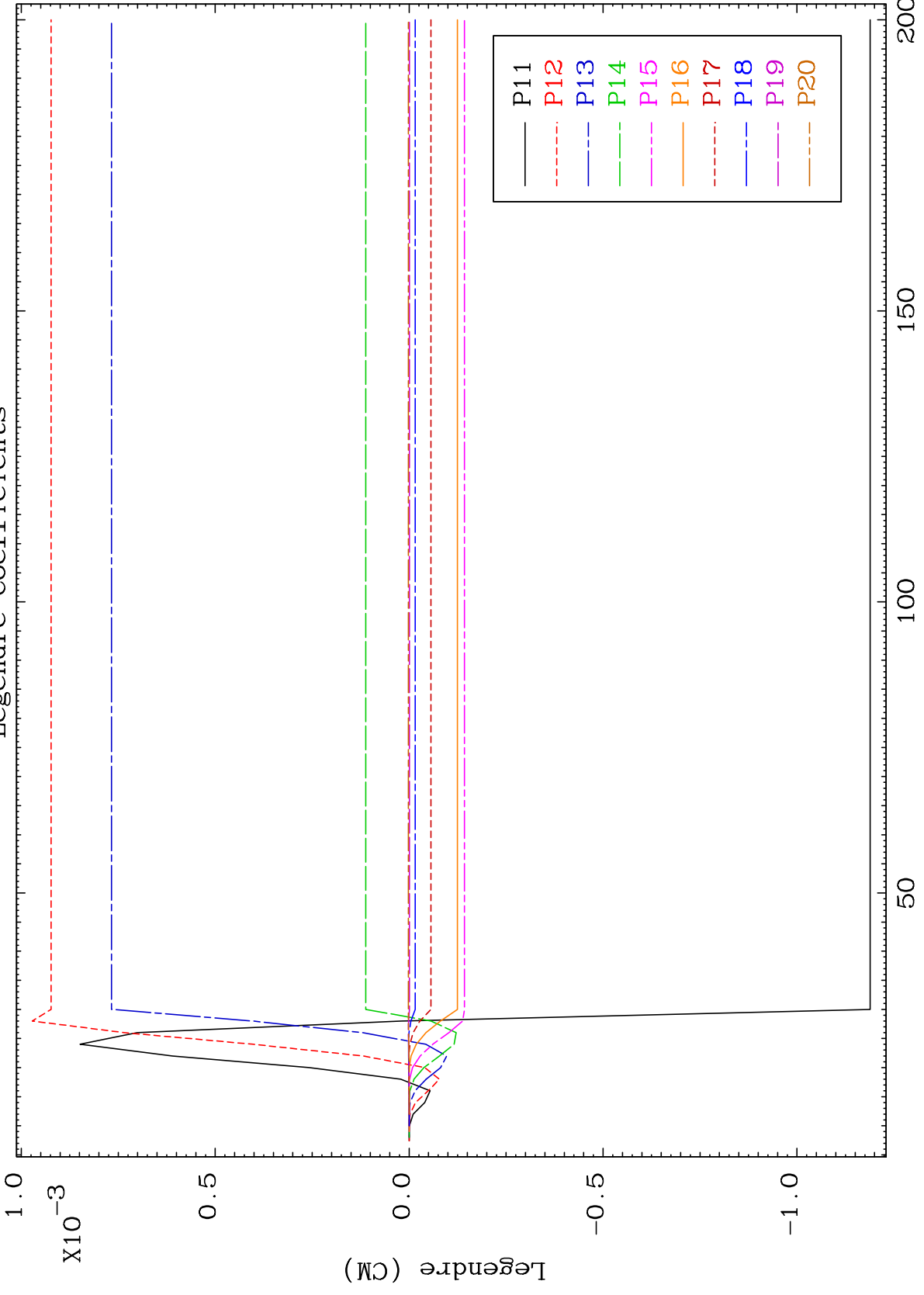


79

Incident Energy (MeV)

28-Ni-68

MAT 2855 MT= 71 (n,n') Level Legendre Coefficients 28-Ni-68



80

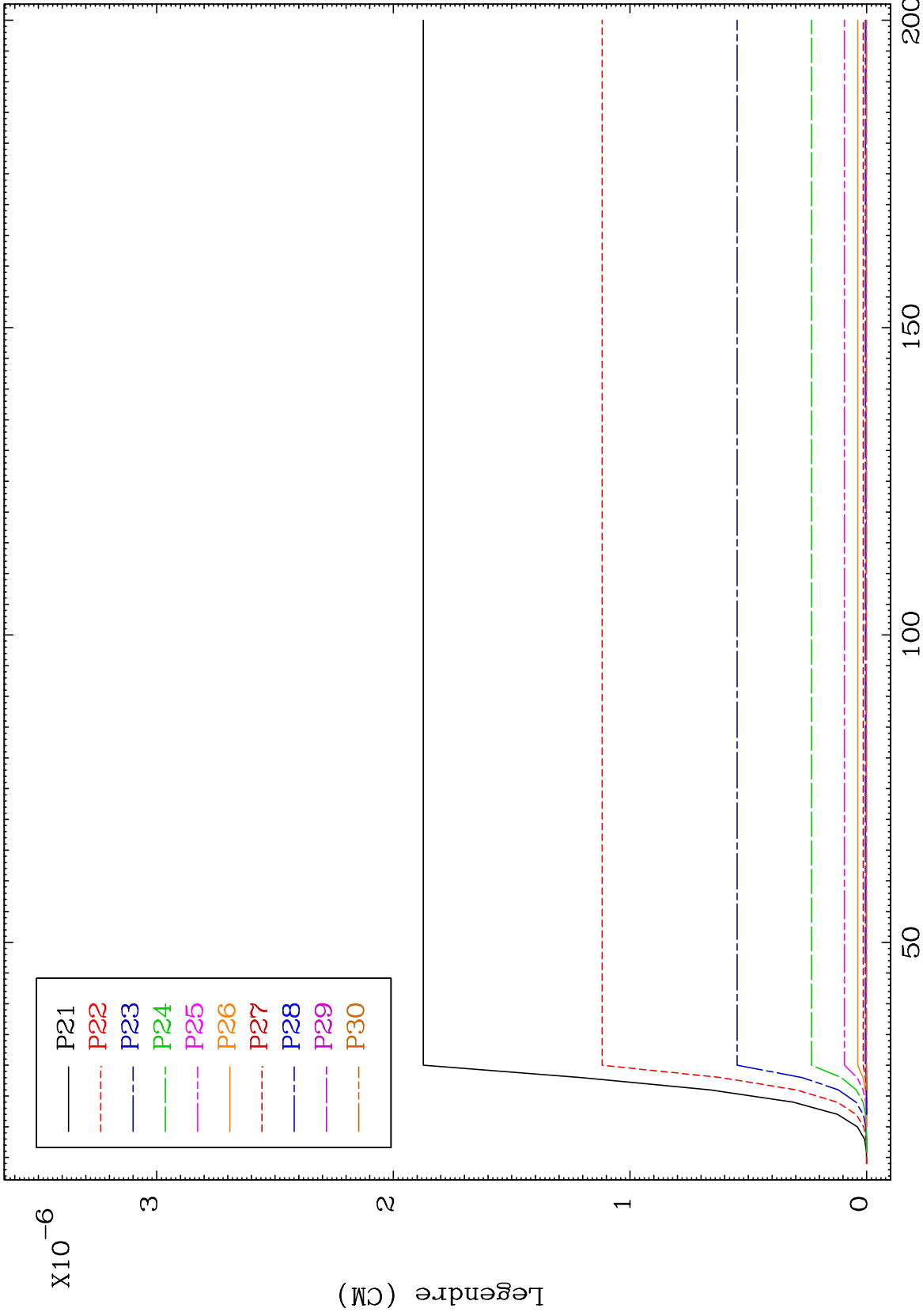
Incident Energy (MeV)

28-Ni-68

MAT 2855

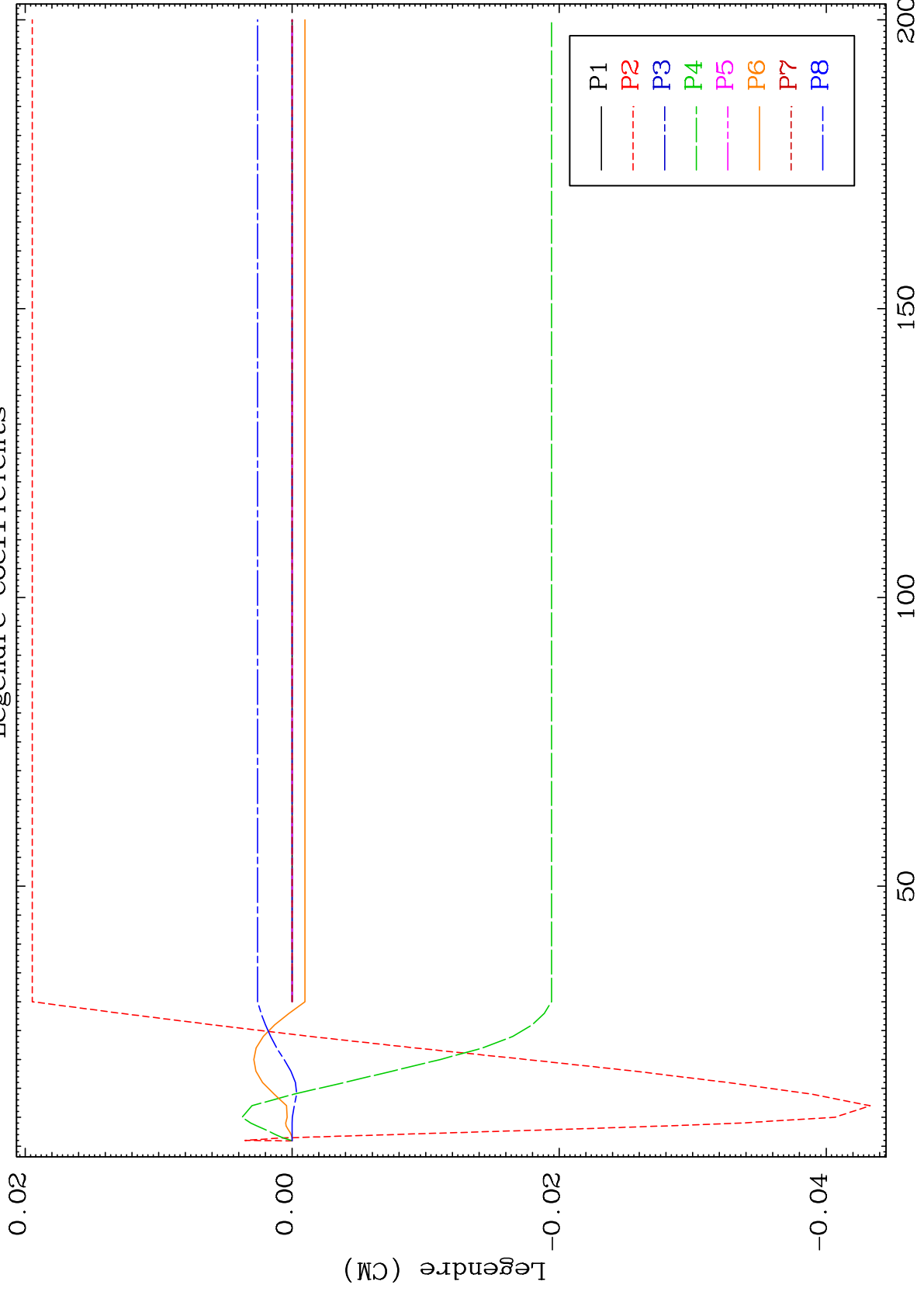
MT= 71 (n,n') Level
Legendre Coefficients

28-Ni-68



MAT 2855 MT= 72 (n,n') Level Legendre Coefficients

28-Ni-68



28-Ni-68

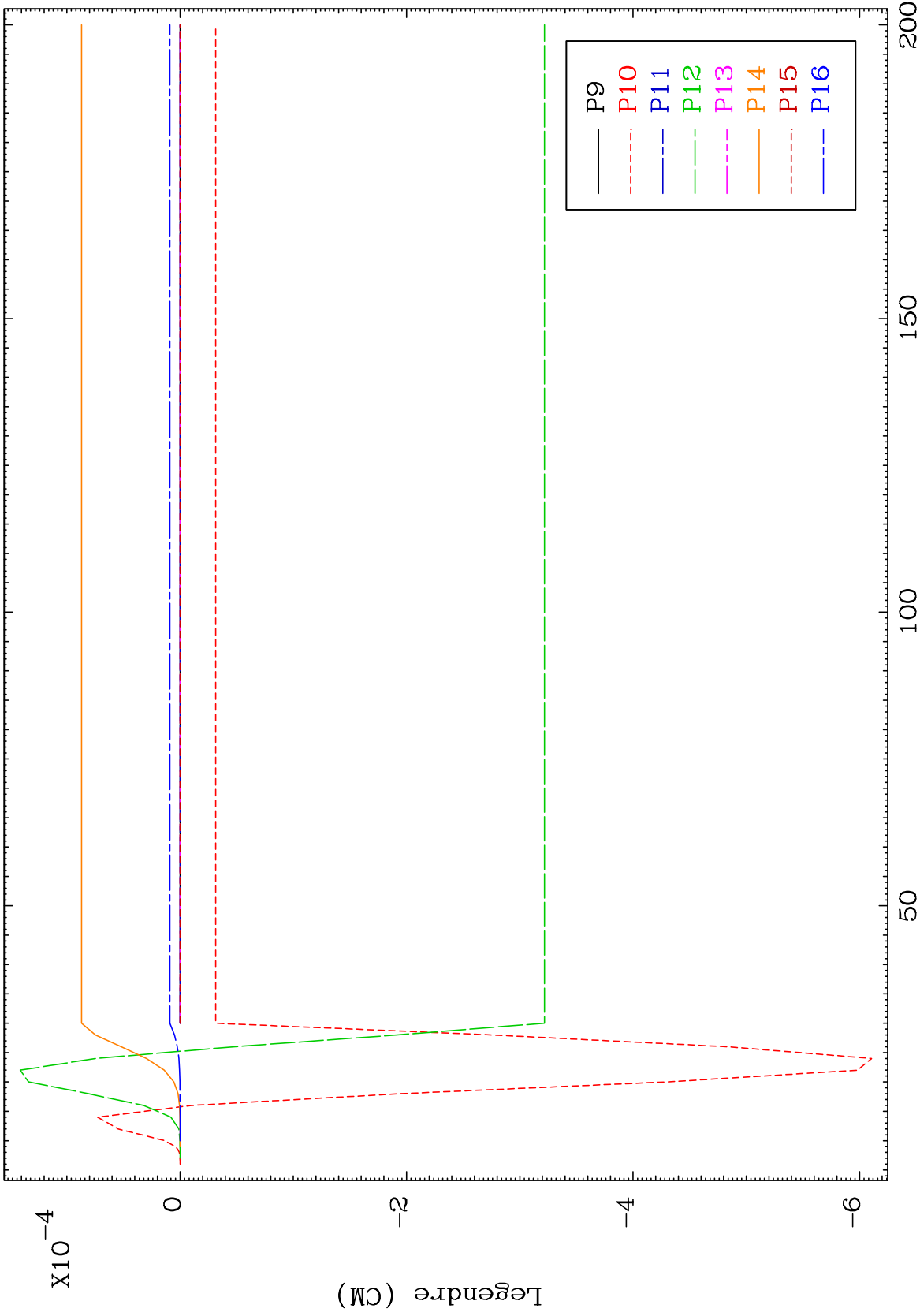
Incident Energy (MeV)

82

MAT 2855

MT= 72 (n,n') Level
Legendre Coefficients

28-Ni-68

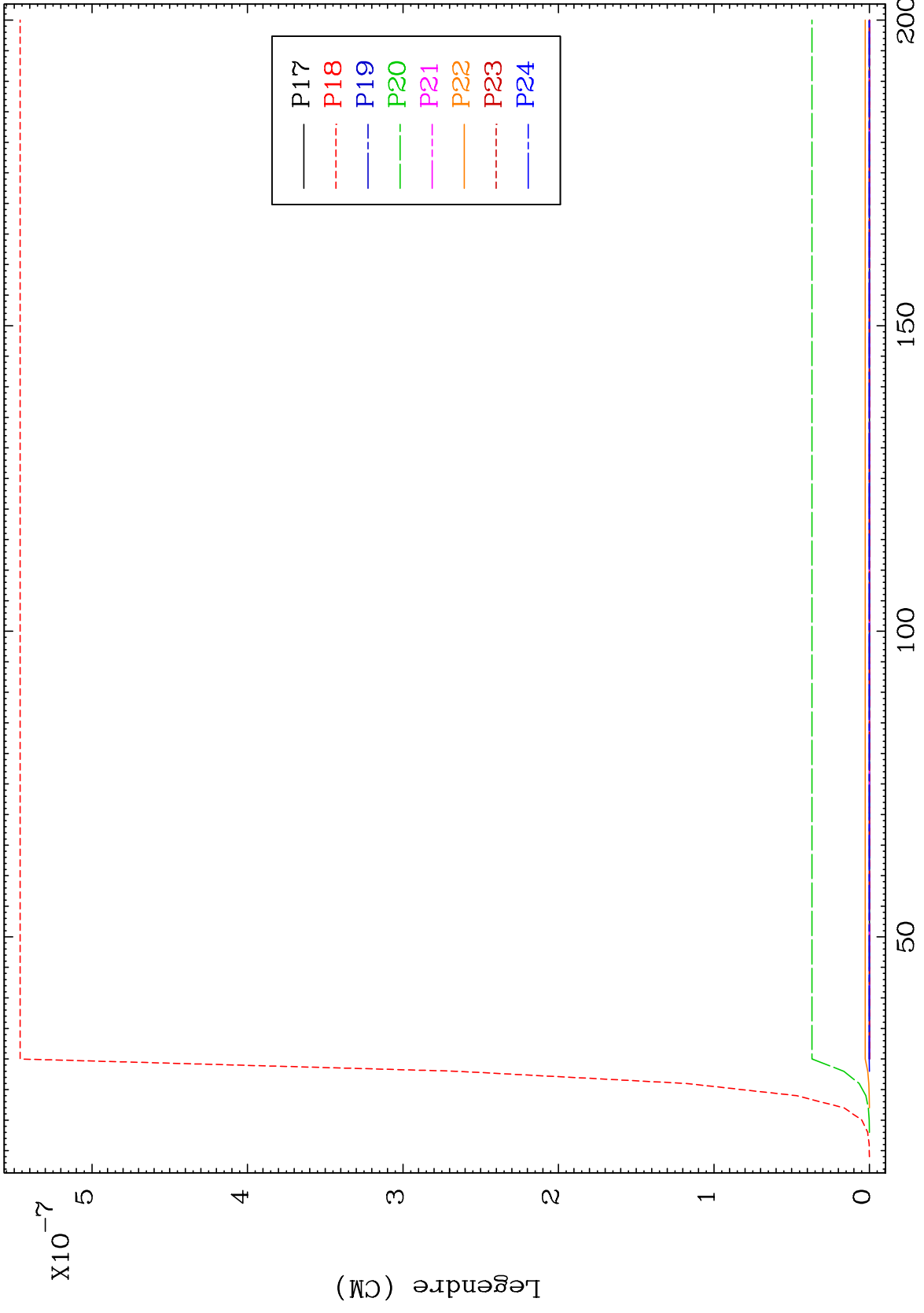


83

Incident Energy (MeV)

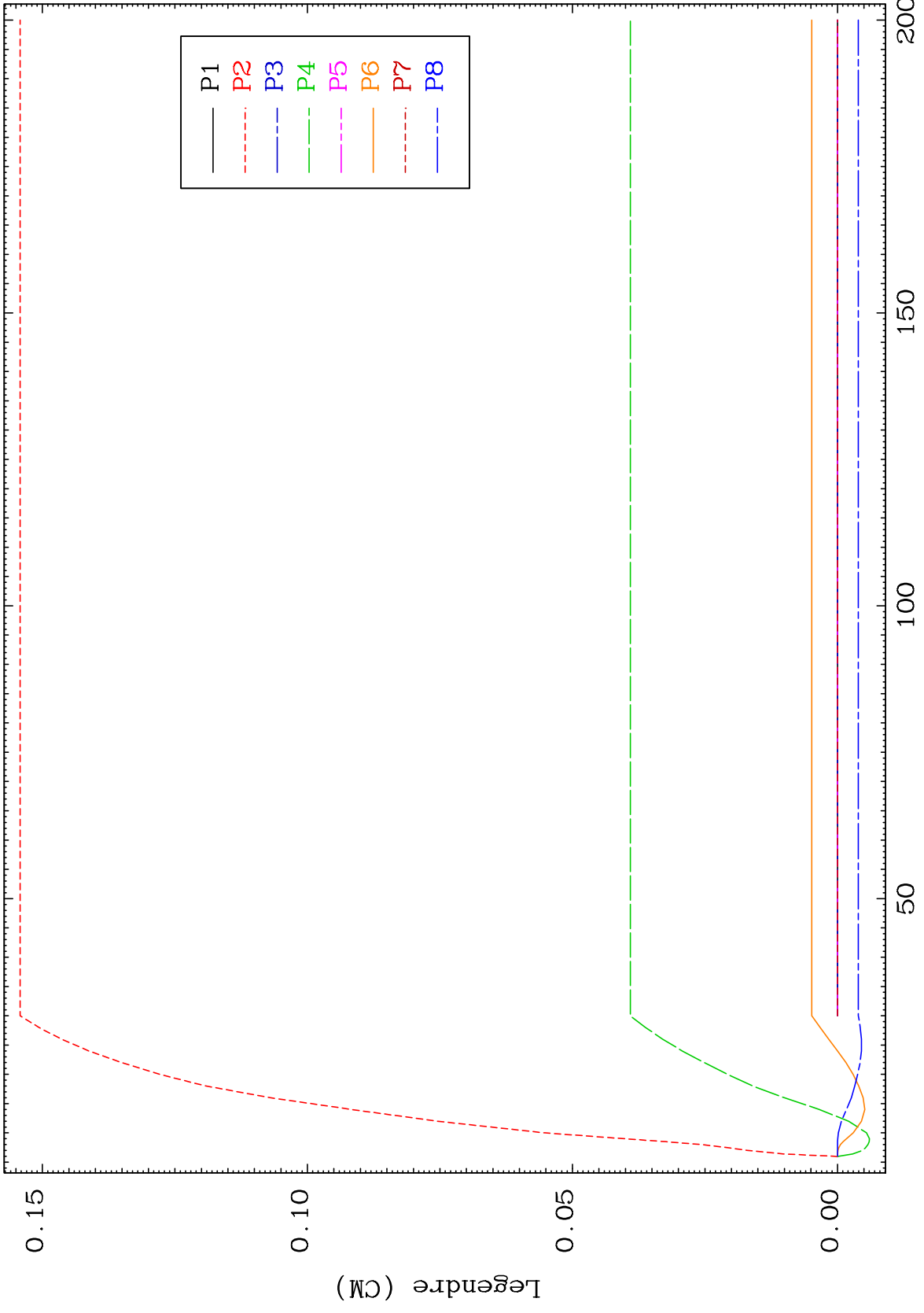
28-Ni-68

MAT 2855 MT= 72 (n,n') Level Legendre Coefficients 28-Ni-68



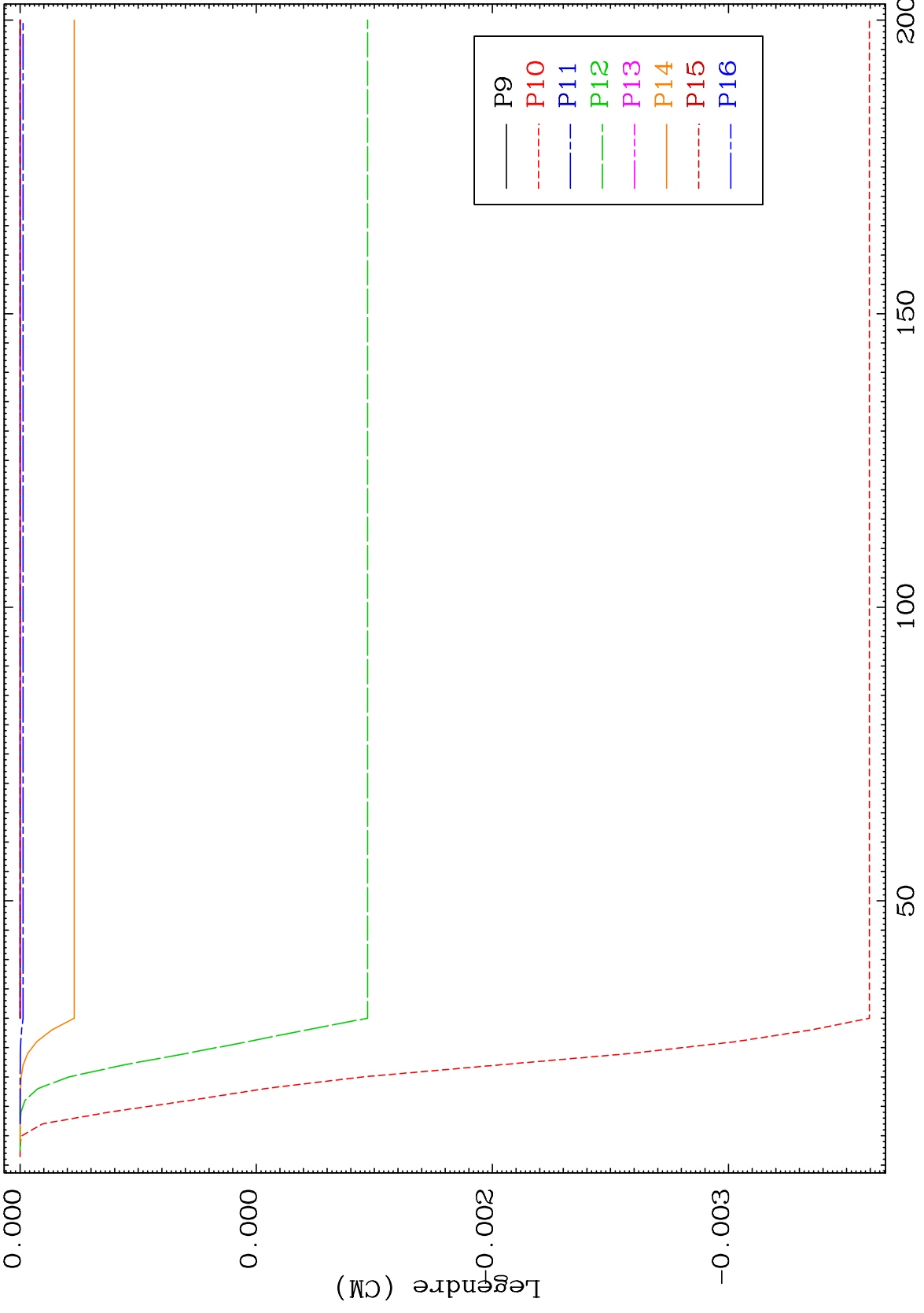
84 28-Ni-68

MAT 2855 MT= 73 (n,n') Level Legendre Coefficients 28-Ni-68

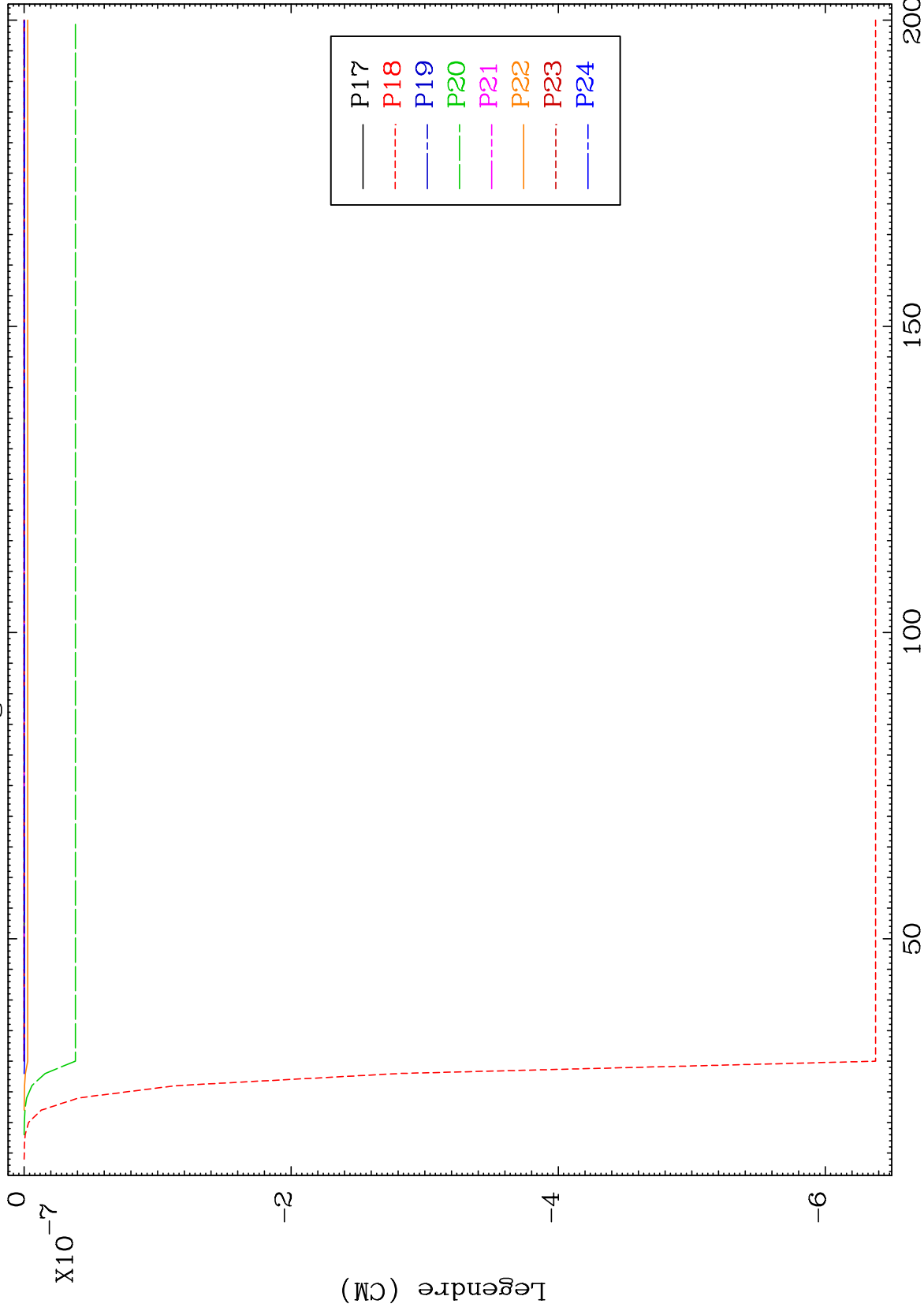


85 Incident Energy (MeV) 200 28-Ni-68

MAT 2855 MT= 73 (n,n') Level Legendre Coefficients 28-Ni-68

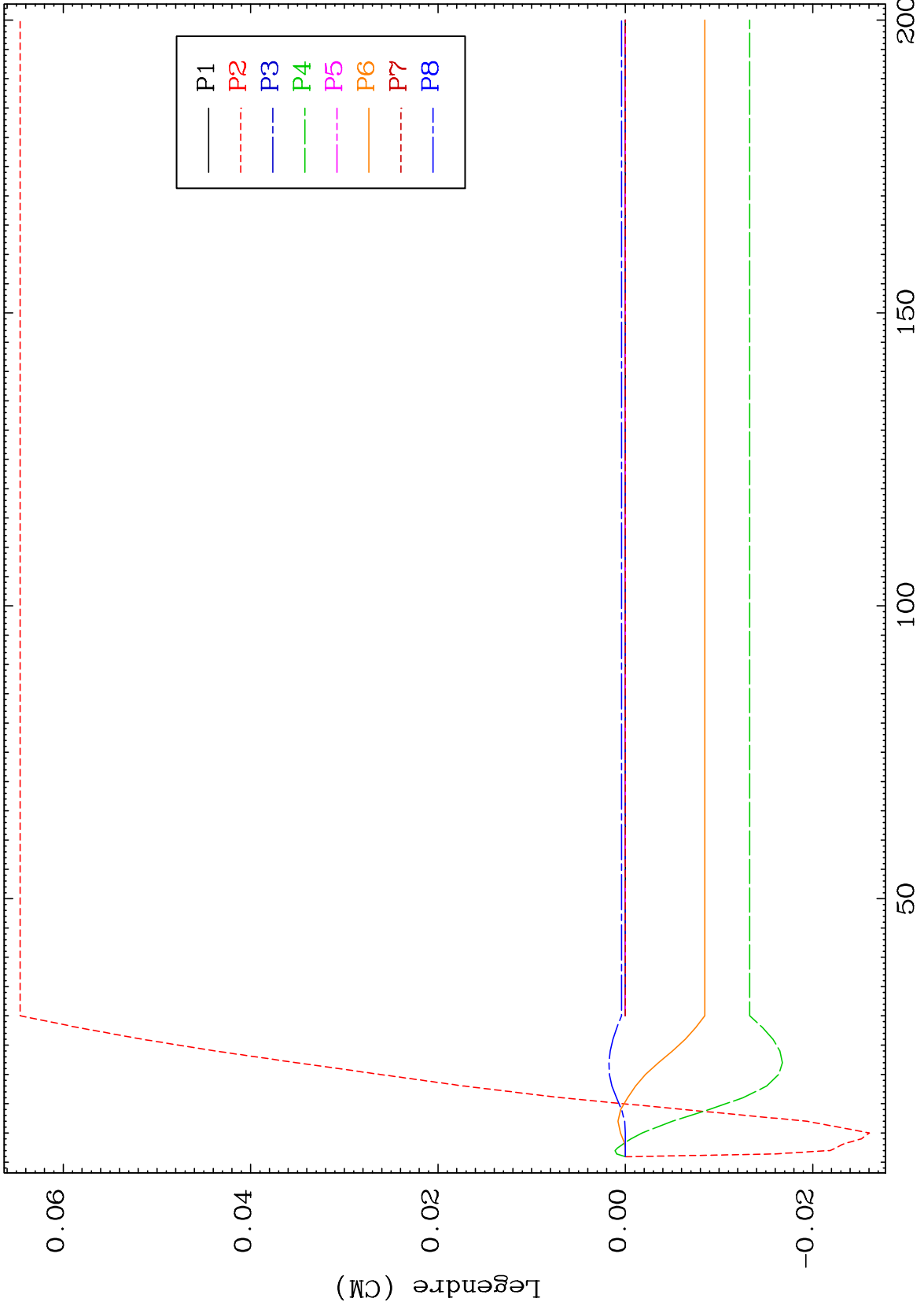


MAT 2855 MT= 73 (n,n') Level Legendre Coefficients 28-Ni-68



87 28-Ni-68

MAT 2855 MT= 74 (n,n') Level Legendre Coefficients 28-Ni-68

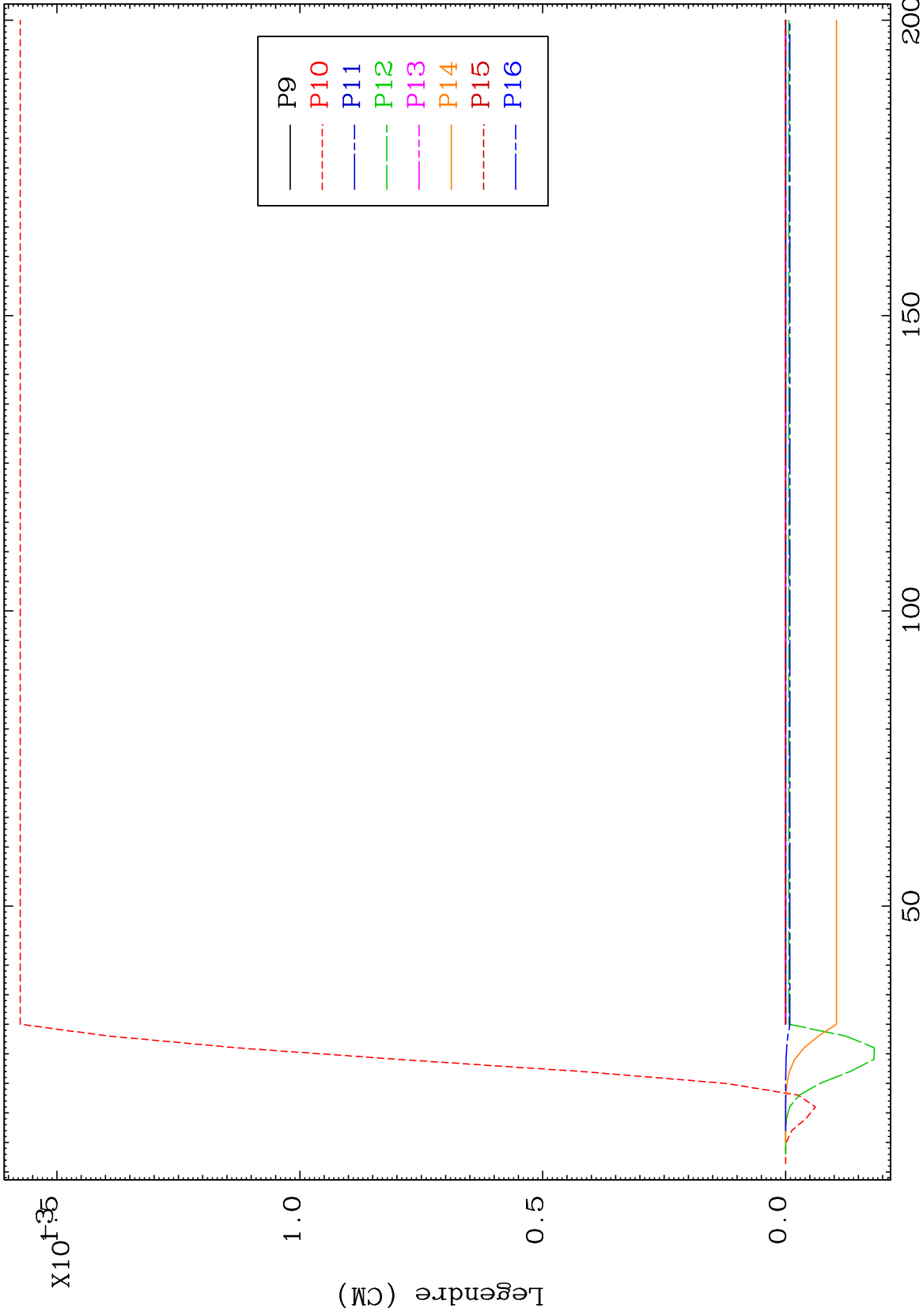


88 Incident Energy (MeV) 28-Ni-68

MAT 2855

MT= 74 (n,n') Level
Legendre Coefficients

28-Ni-68



89

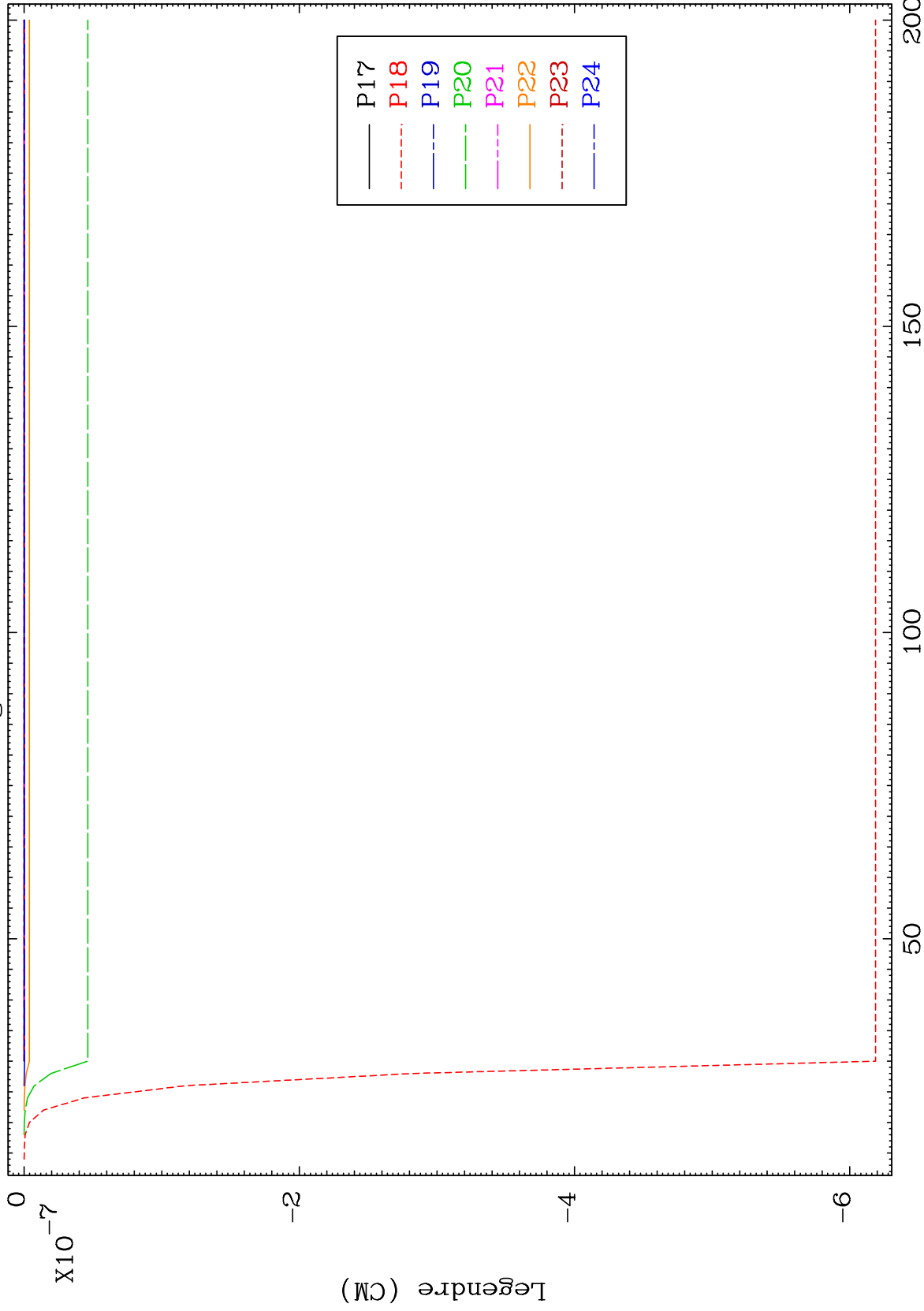
Incident Energy (MeV)

28-Ni-68

MAT 2855

MT= 74 (n,n') Level
Legendre Coefficients

28-Ni-68



90

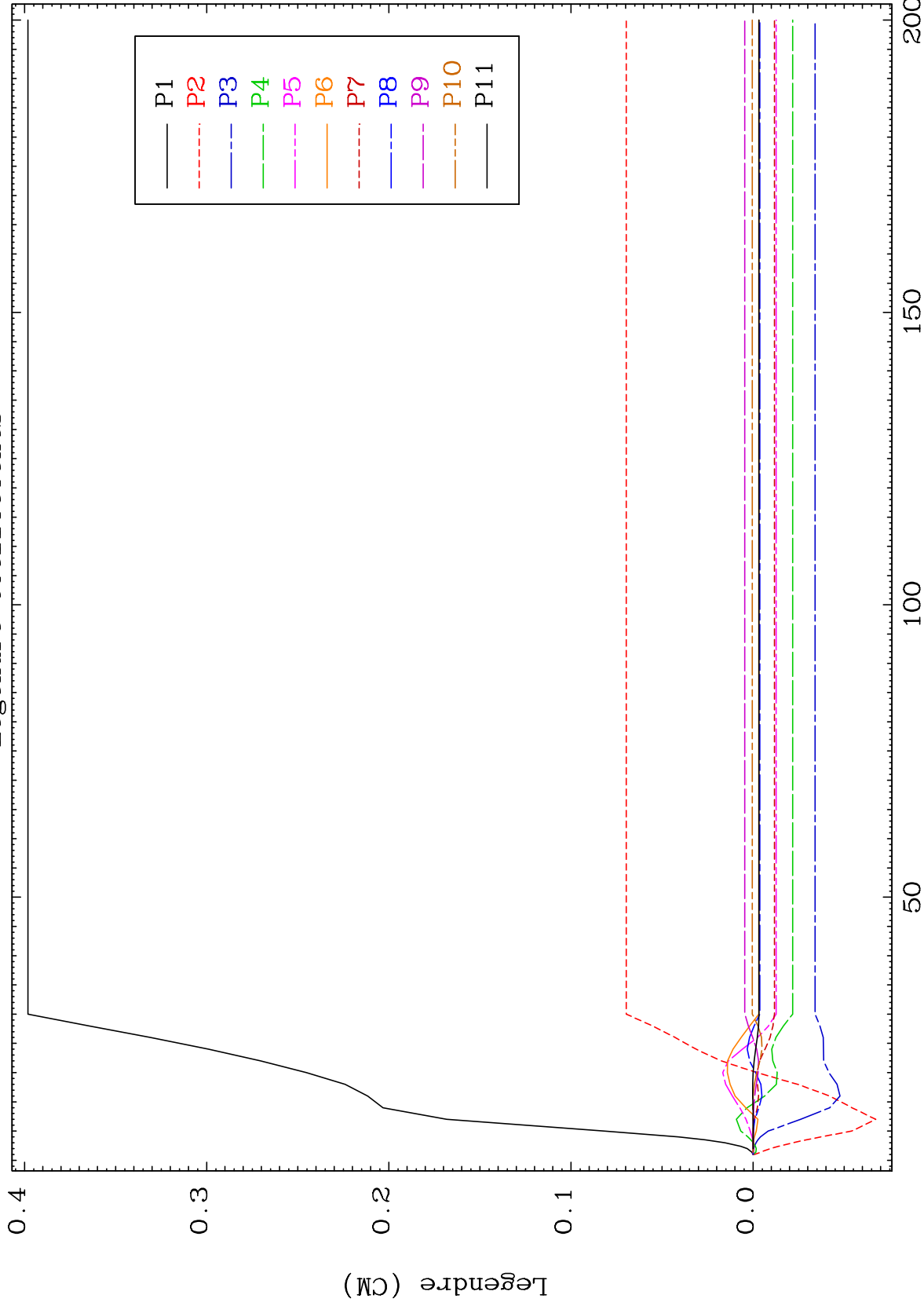
Incident Energy (MeV)

28-Ni-68

MAT 2855

MT= 75 (n,n') Level
Legendre Coefficients

28-Ni-68



91

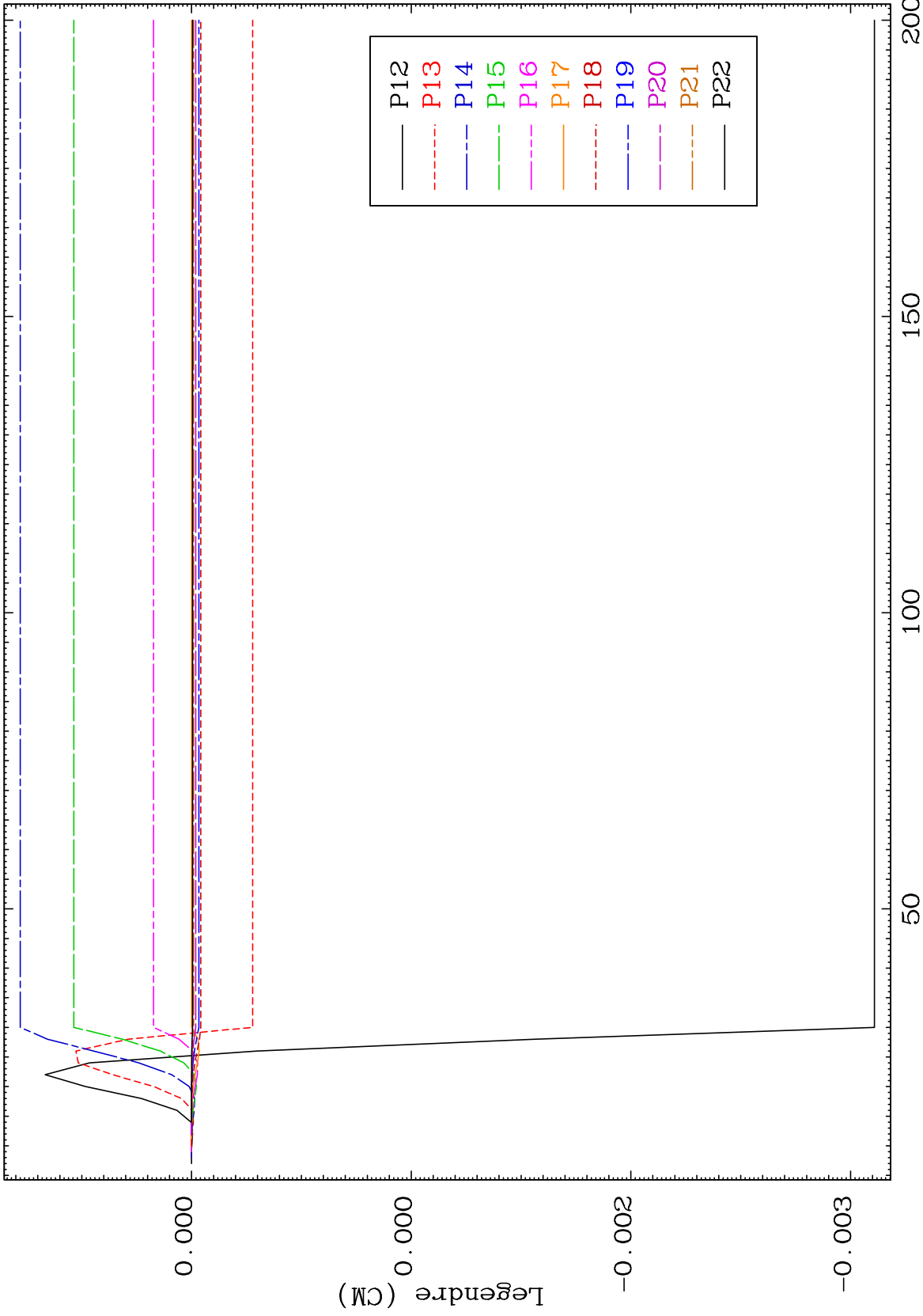
Incident Energy (MeV)

28-Ni-68

MAT 2855

MT= 75 (n,n') Level
Legendre Coefficients

28-Ni-68



92

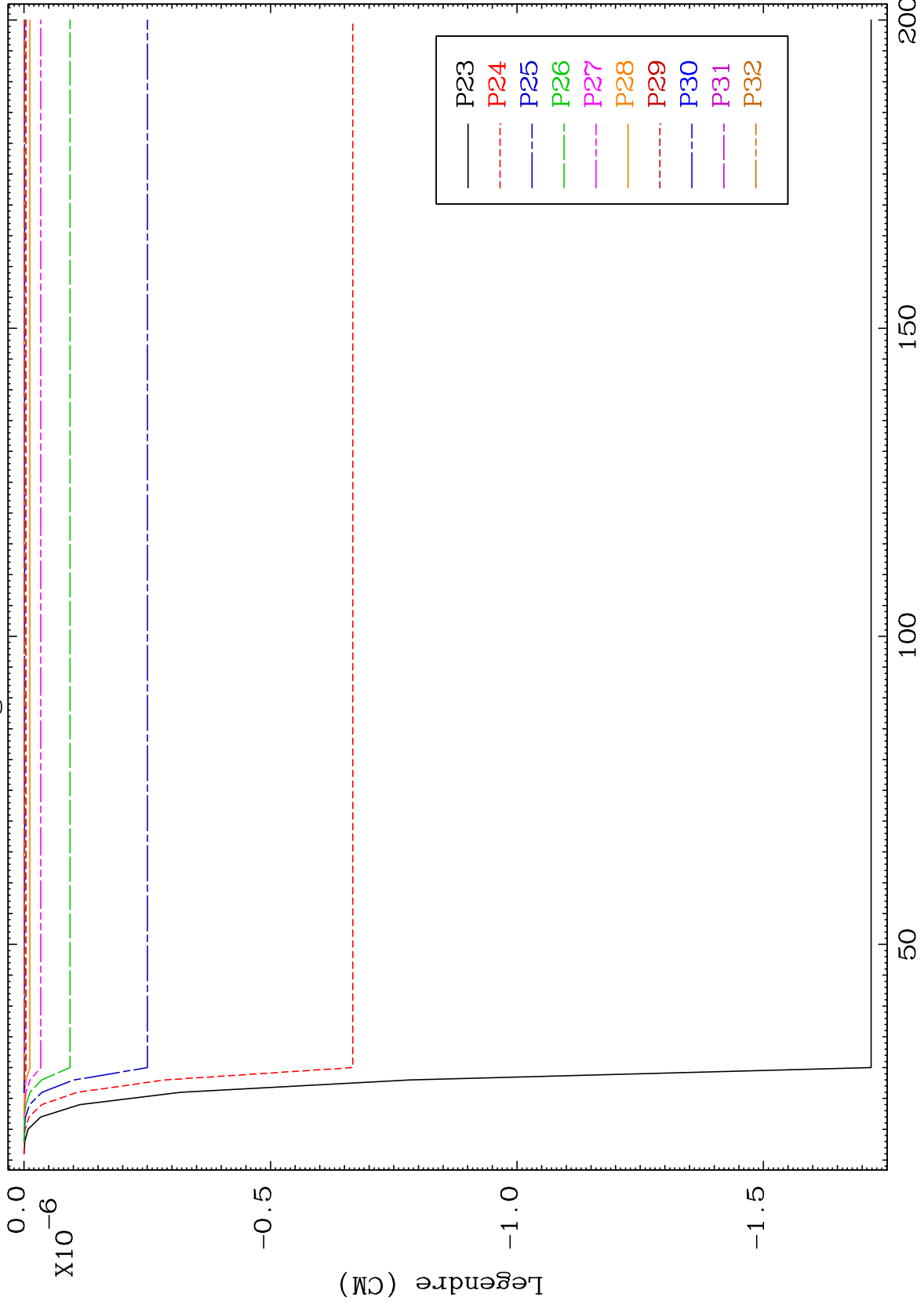
Incident Energy (MeV)

28-Ni-68

MAT 2855

MT= 75 (n,n') Level
Legendre Coefficients

28-Ni-68



93

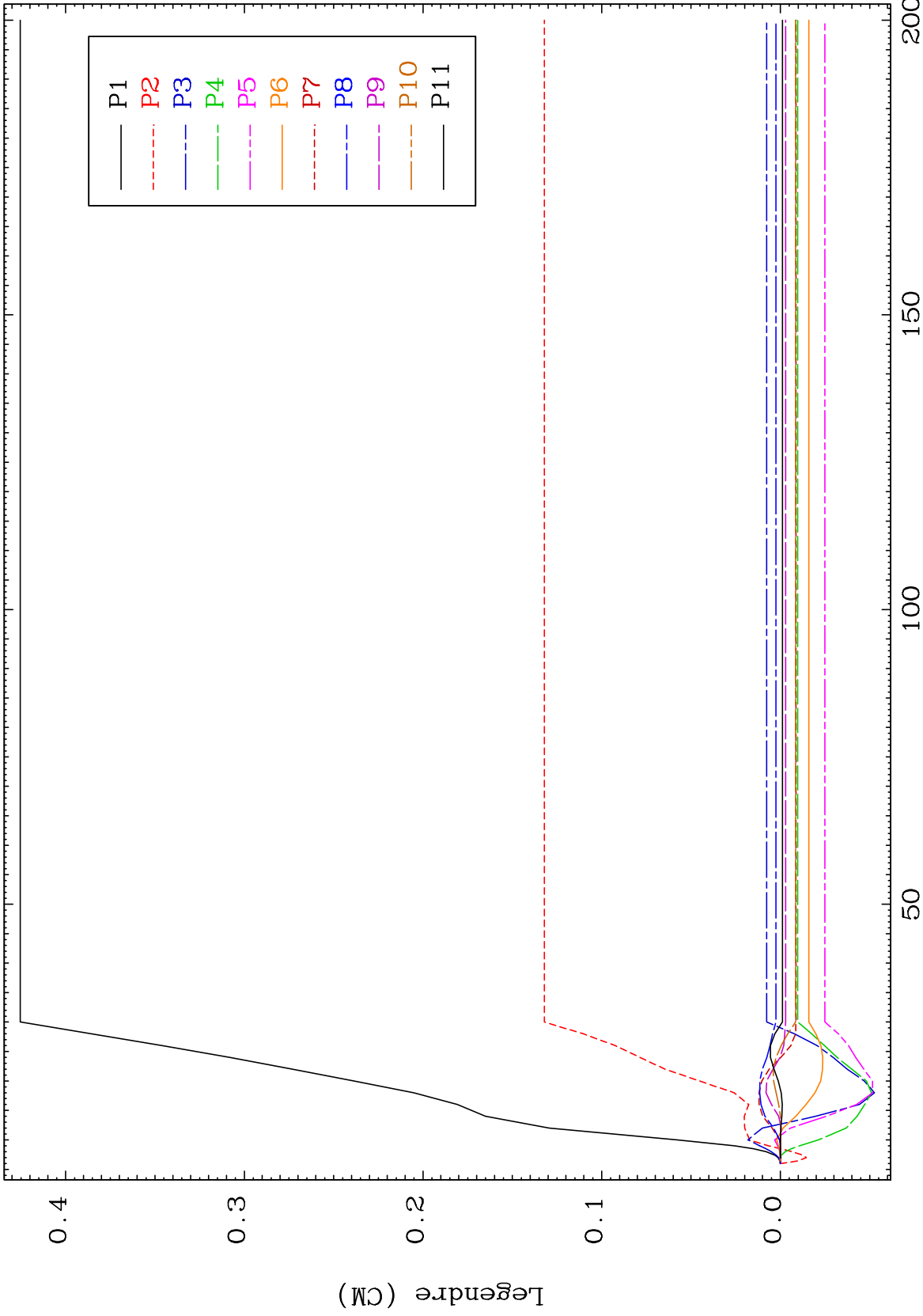
Incident Energy (MeV)

28-Ni-68

MAT 2855

MT= 76 (n,n') Level
Legendre Coefficients

28-Ni-68



94

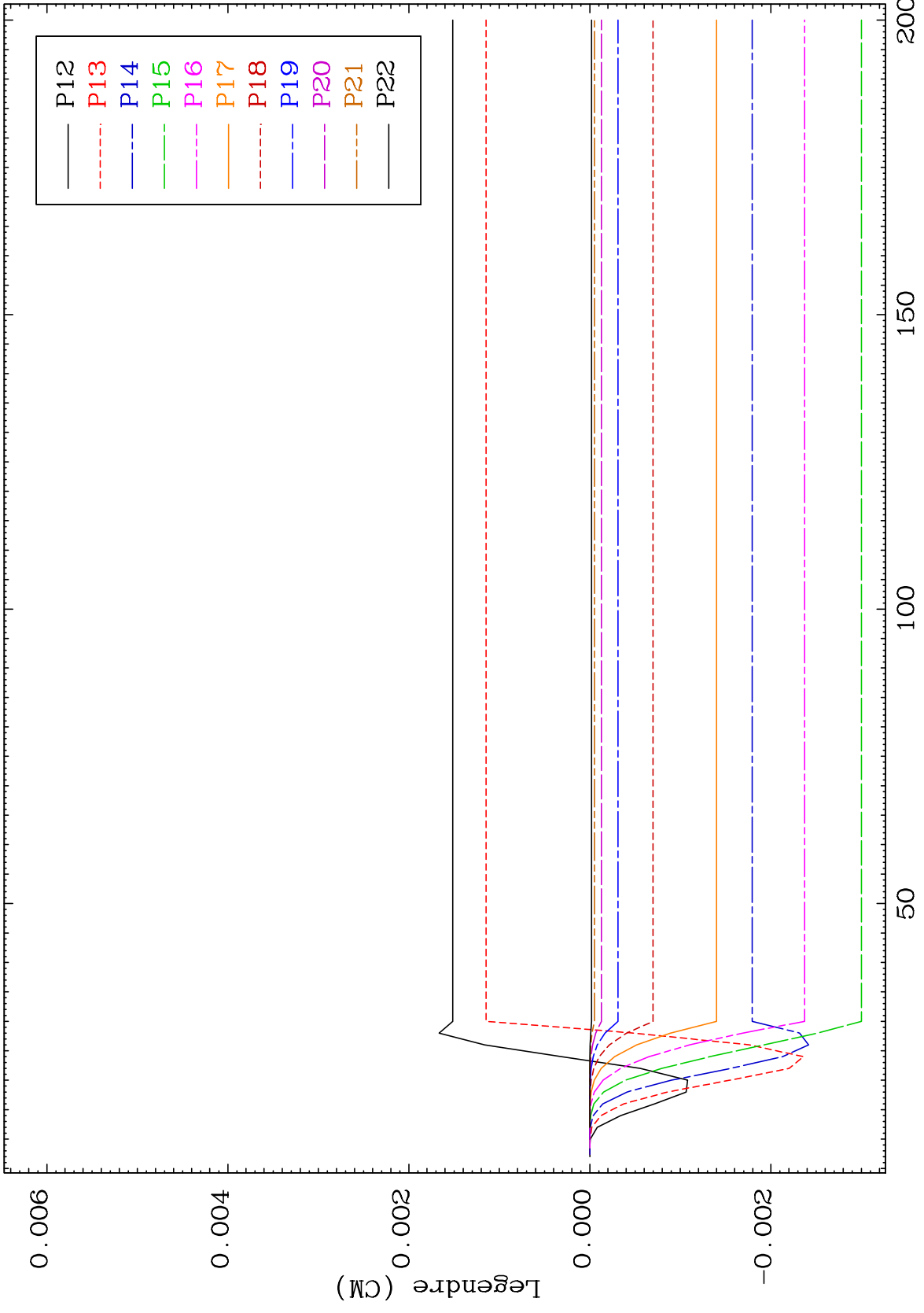
Incident Energy (MeV)

28-Ni-68

MAT 2855

MT= 76 (n,n') Level
Legendre Coefficients

28-Ni-68

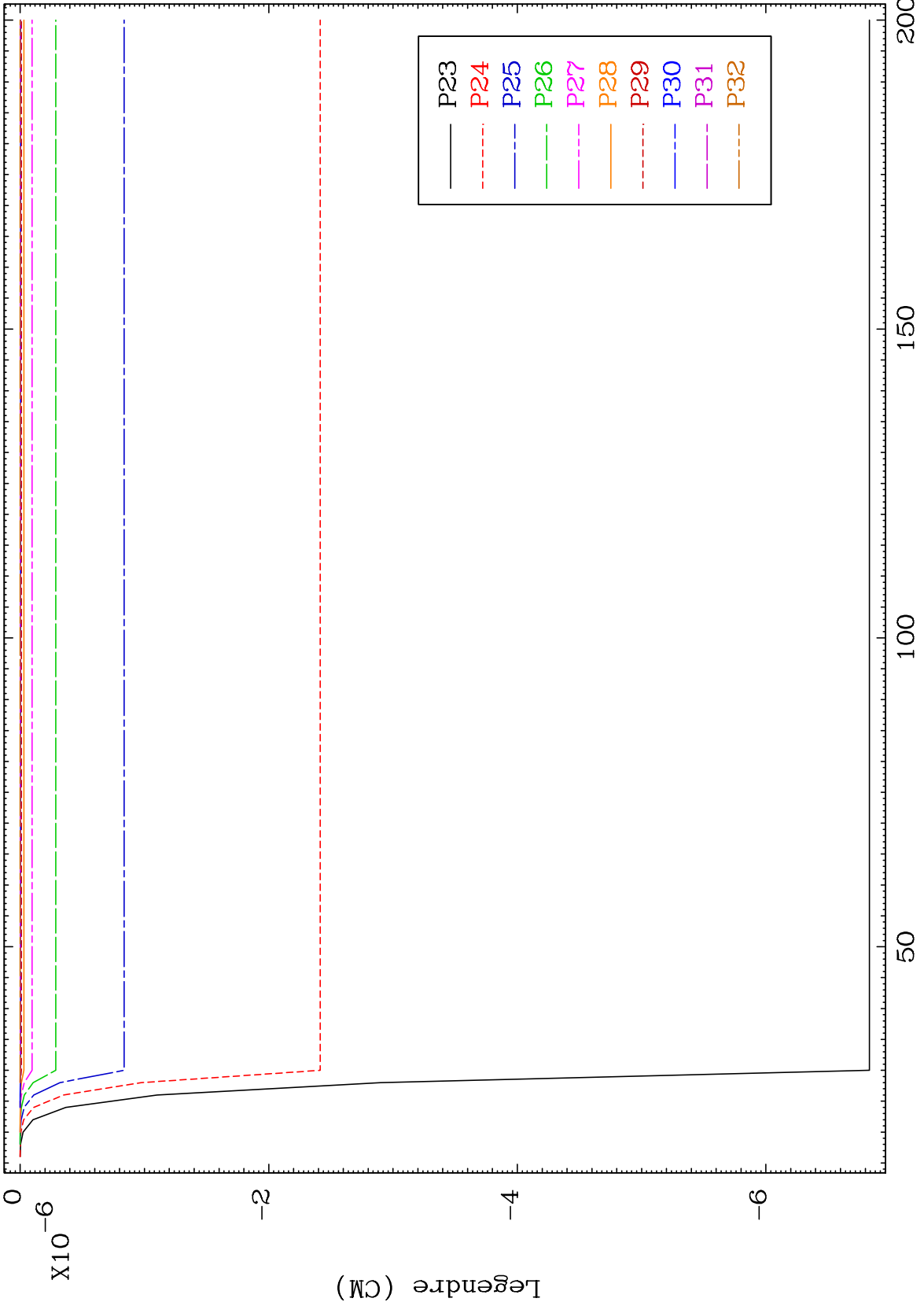


95

Incident Energy (MeV)

28-Ni-68

MAT 2855 MT= 76 (n,n') Level Legendre Coefficients 28-Ni-68

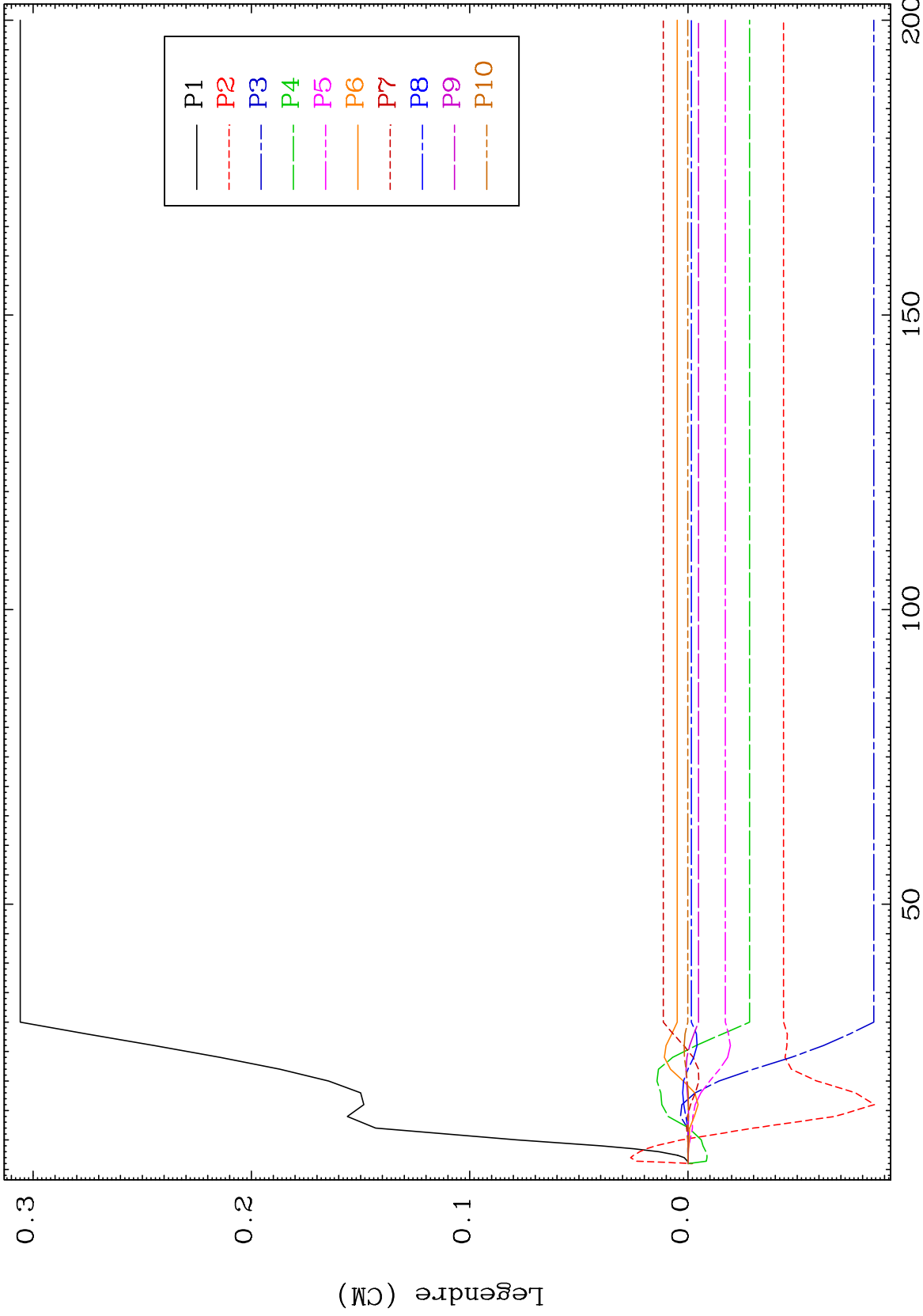


96 Incident Energy (MeV) 28-Ni-68

MAT 2855

MT= 77 (n,n') Level
Legendre Coefficients

28-Ni-68



97

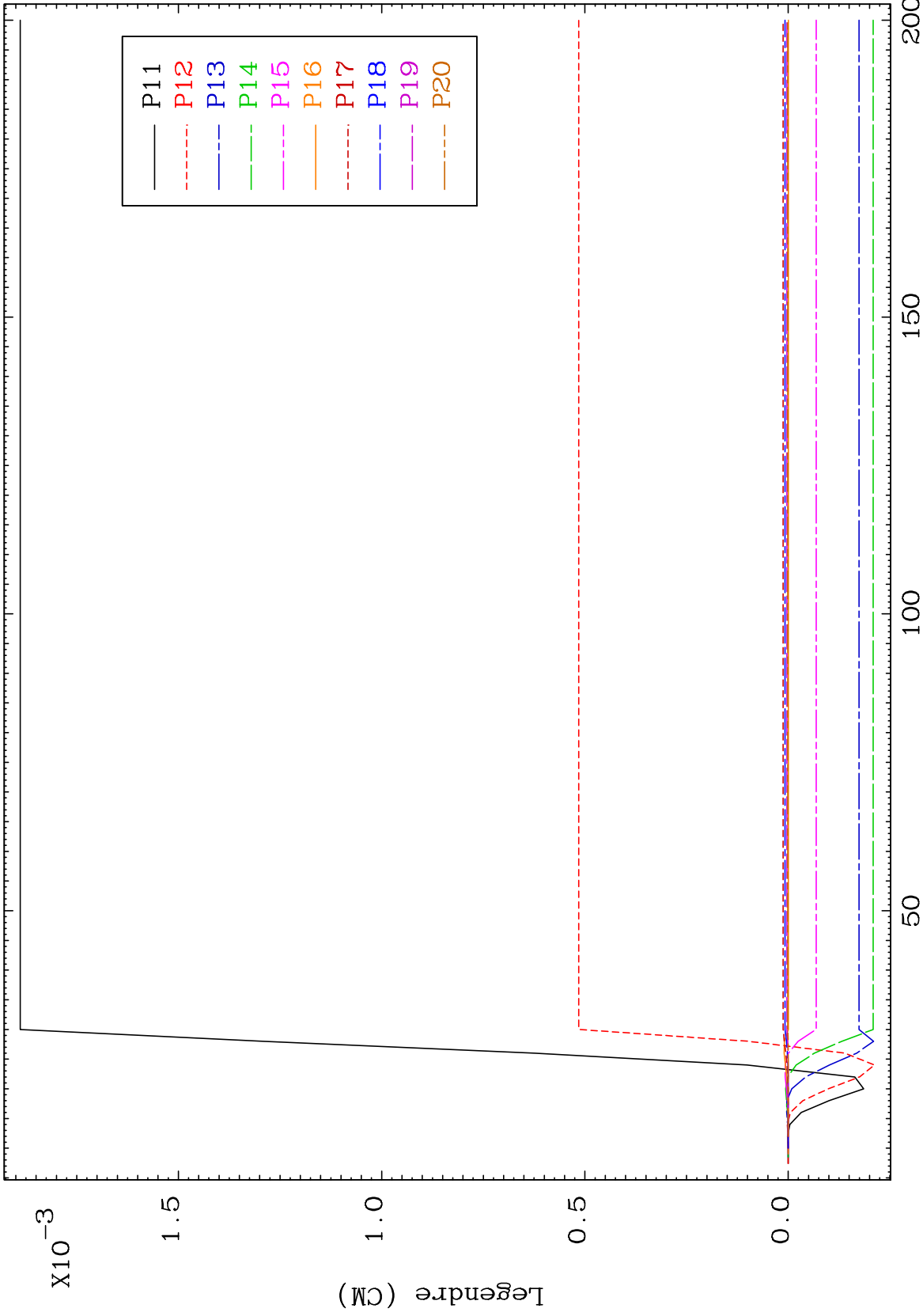
Incident Energy (MeV)

28-Ni-68

MAT 2855

MT= 77 (n,n') Level
Legendre Coefficients

28-Ni-68



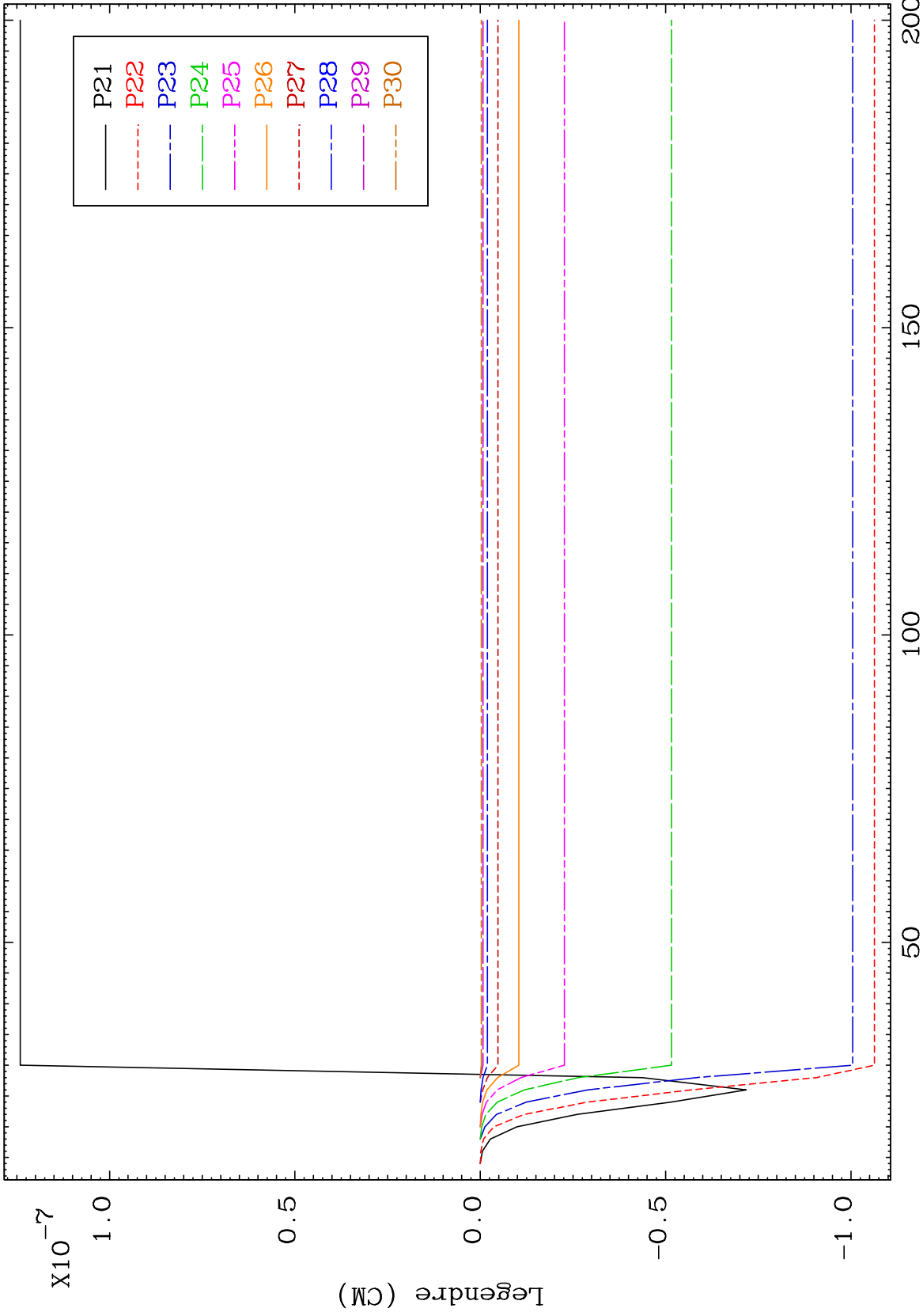
98

28-Ni-68

MAT 2855

MT= 77 (n,n') Level
Legendre Coefficients

28-Ni-68



99

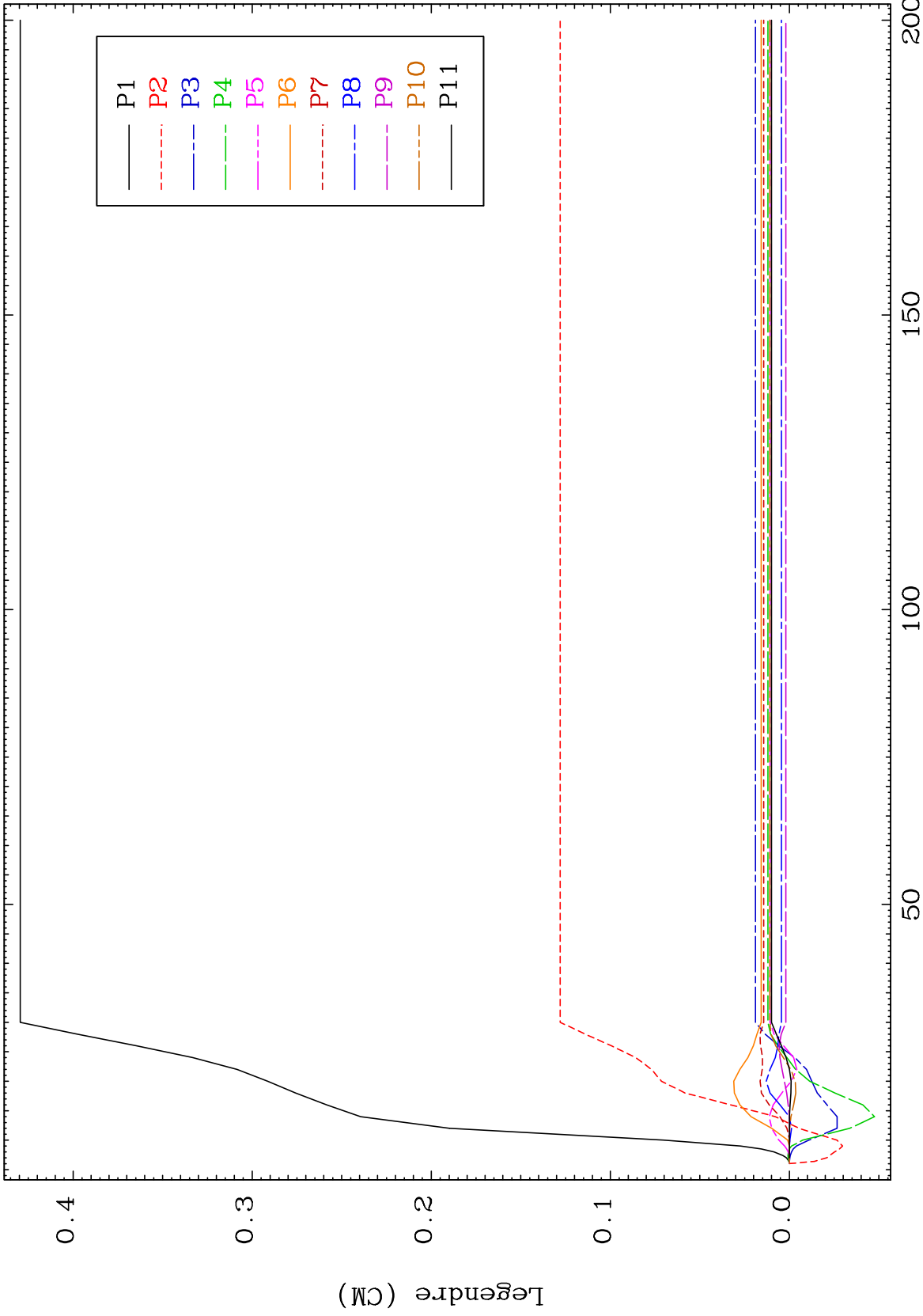
Incident Energy (MeV)

28-Ni-68

MAT 2855

MT= 78 (n,n') Level
Legendre Coefficients

28-Ni-68



28-Ni-68

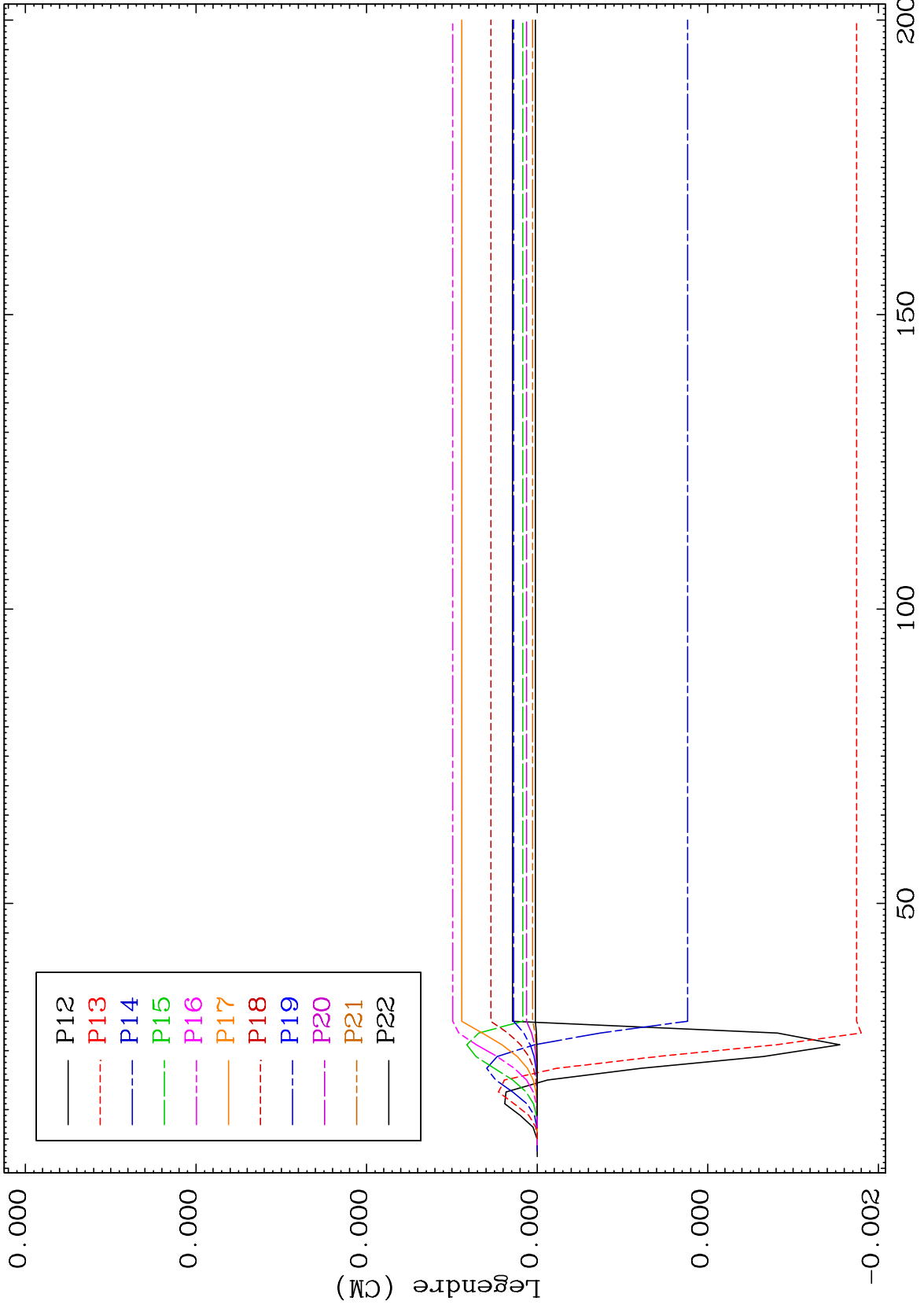
Incident Energy (MeV)

Legendre (CM)

MAT 2855

MT= 78 (n,n') Level
Legendre Coefficients

28-Ni-68



101

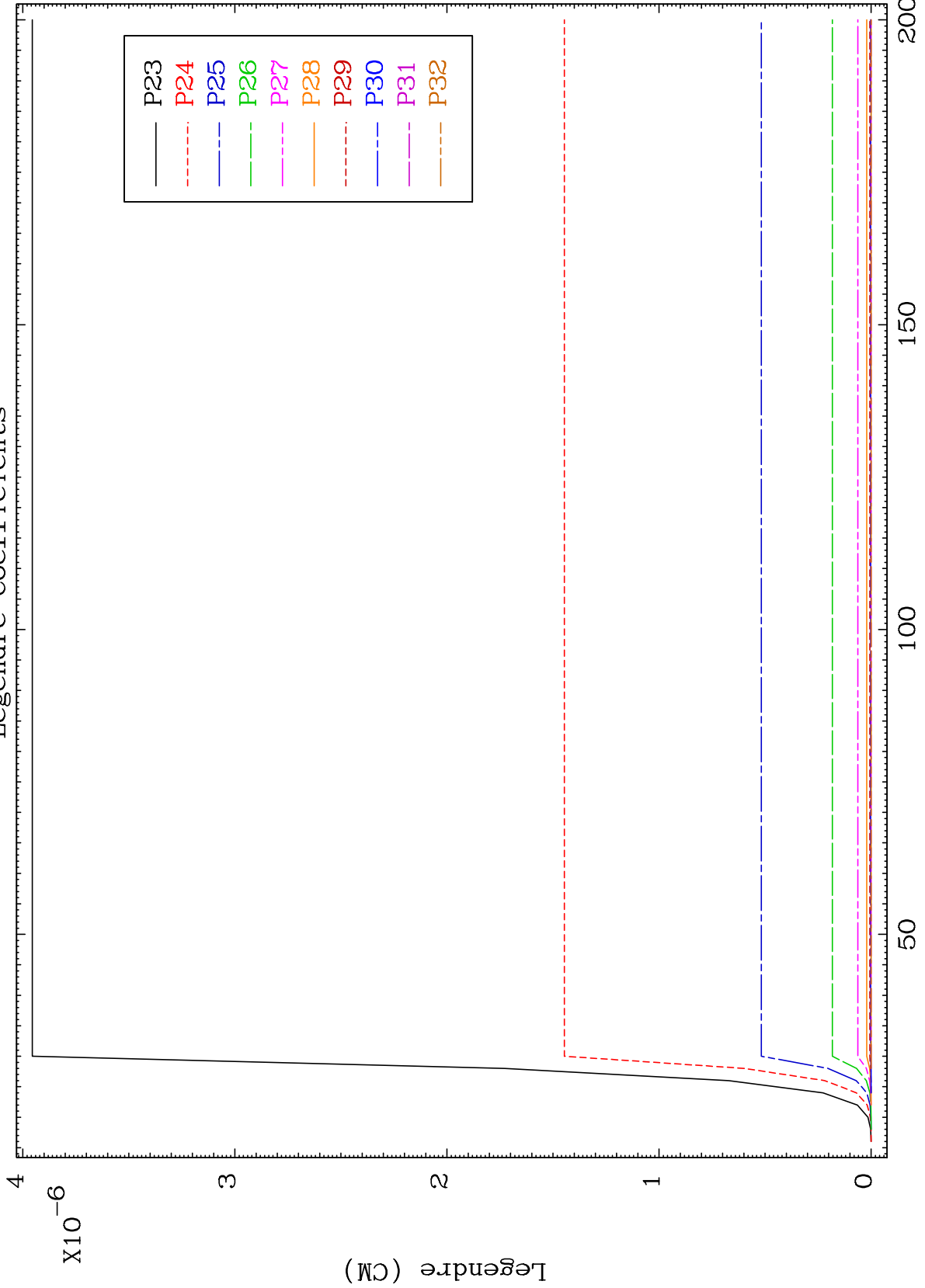
Incident Energy (MeV)

28-Ni-68

MAT 2855

MT= 78 (n,n') Level
Legendre Coefficients

28-Ni-68



102

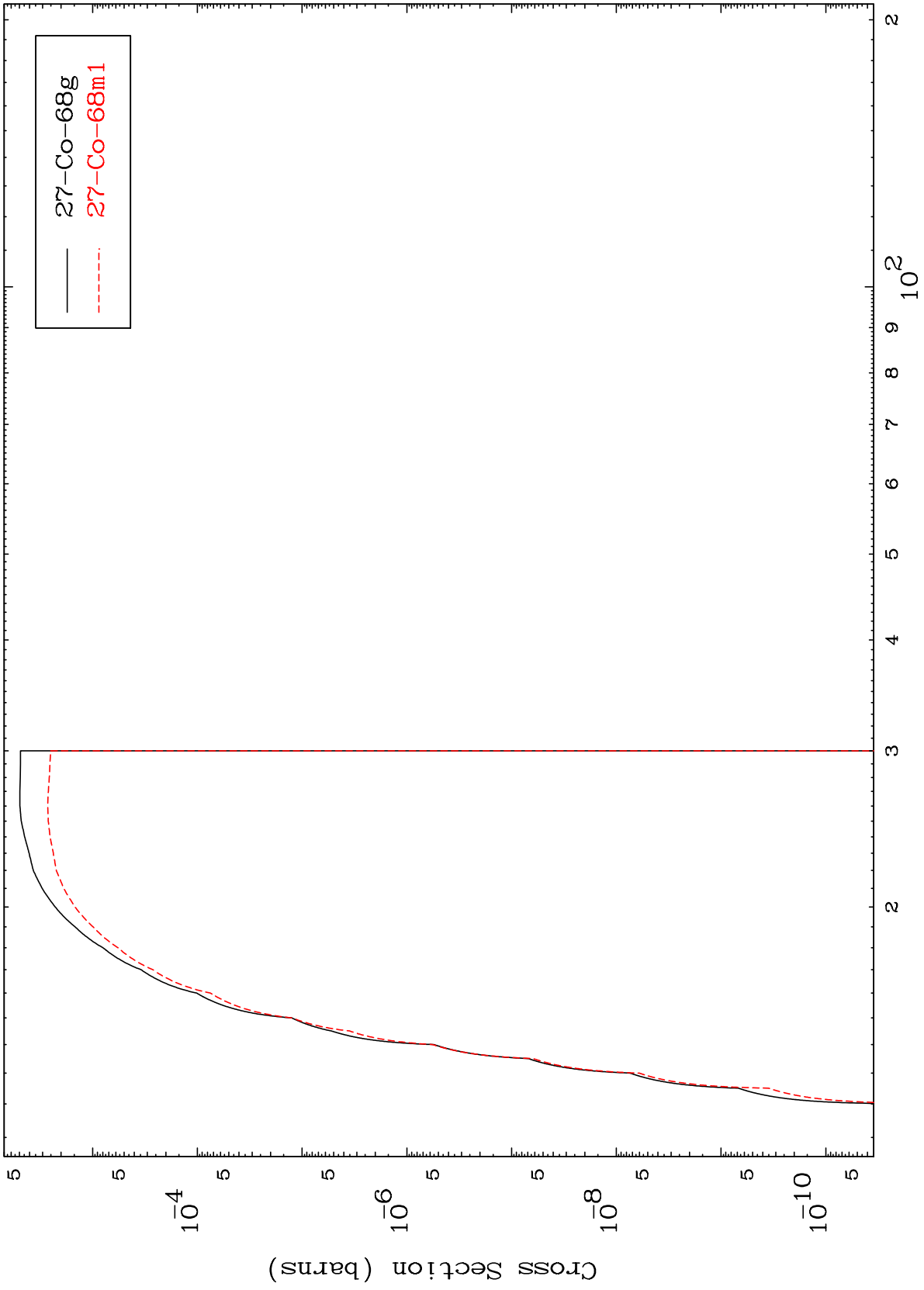
Incident Energy (MeV)

28-Ni-68

MAT 2855

²⁸Ni-68

(n,p)
Radionuclide Production Cross Section



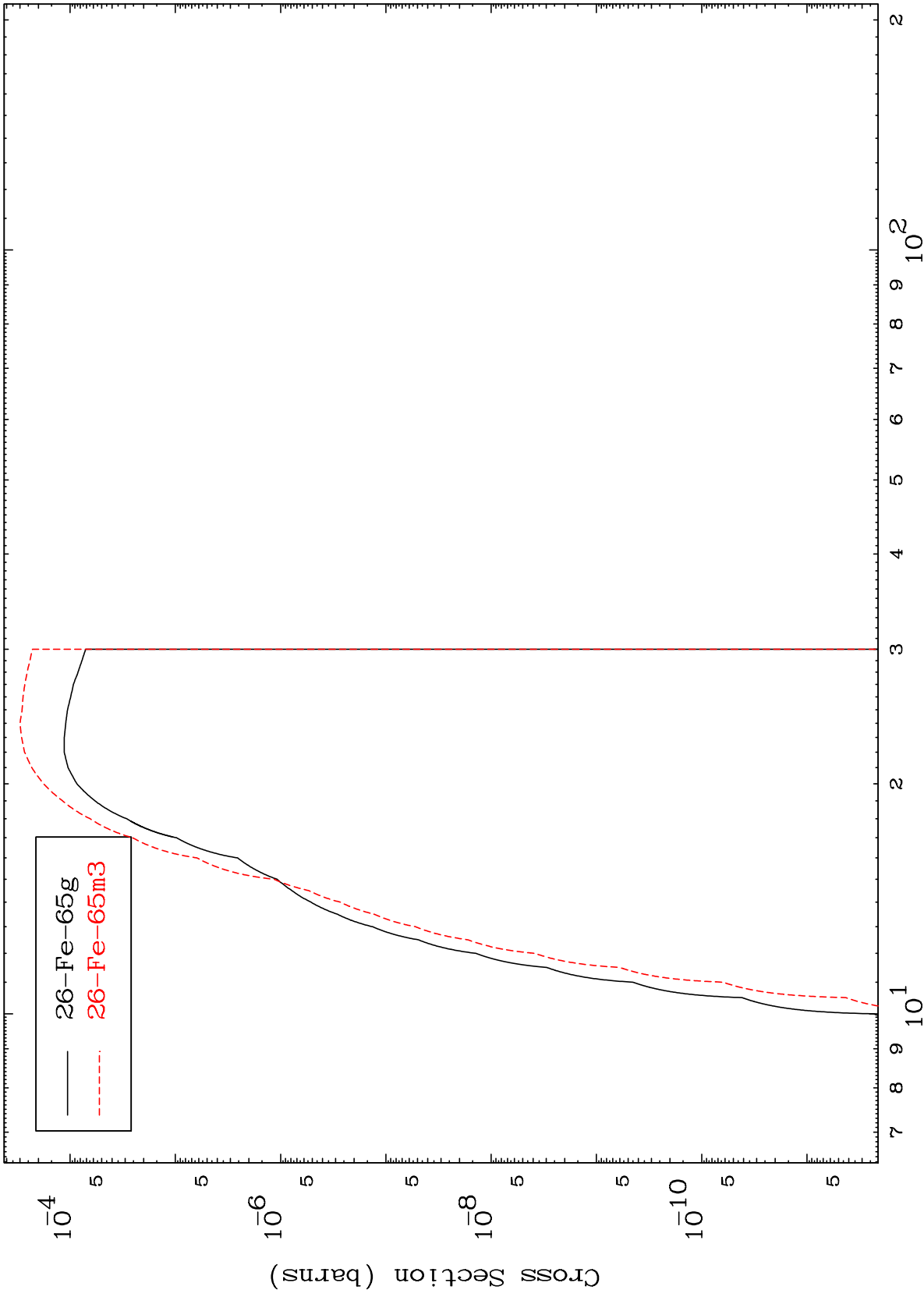
103

²⁸Ni-68

MAT 2855

28-Ni-68

Radionuclide Production Cross Section
(n,α)



104

28-Ni-68